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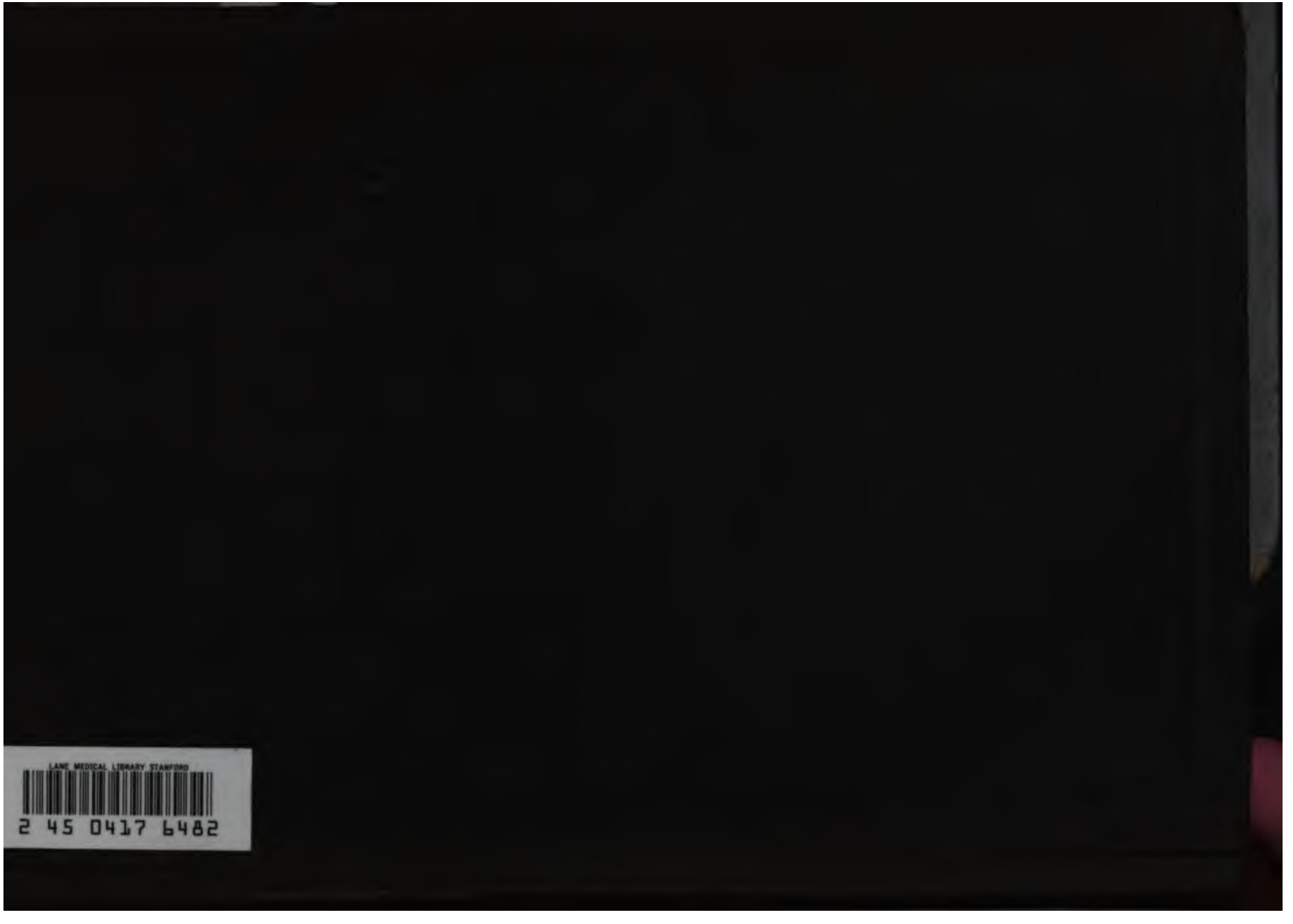
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TENTH ANNUAL REPORT

TO THE REGISTRY AND RETURN OF

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OR THE YEAR 1876.

BY THE

NDENT OF VITAL STATISTICS,

IN THE GENERAL DIRECTION OF THE

TARY OF STATE

OF THE

STATE OF MICHIGAN.

THE PROPERTY OF THE N. YORK HOSPITAL



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STATE DEPARTMENT, MICHIGAN,
SECRETARY'S OFFICE,
LANSING, *October 5, 1880.*

HON. CHARLES M. CROSWELL, *Governor of Michigan.*

SIR,—I herewith submit the Tenth Annual Report of this Department, relative to Births, Marriages, and Deaths, pursuant to Act No. 194 of 1867, as amended by Act No. 125 of 1869, and by Act No. 81 of 1873.

Very respectfully,

WM. JENNEY,
Secretary of State.

26728

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TENTH REGISTRATION REPORT

CONCERNING

VITAL STATISTICS OF MICHIGAN, 1876.

GENERAL REMARKS AND STATEMENTS.

For the year 1876 more deaths were returned as having occurred in Michigan than for any preceding year, except the years 1872 and 1873; yet, from the best evidence available, the death-rate in this State in 1876 was very small compared with that in any state or locality where deaths are thoroughly ascertained. This subject is discussed on pages 107–8. In Exhibit A, on page xi., in the first part of this volume, it may be seen that the natural increase of inhabitants—by excess of births over deaths—was greater in Michigan in 1876 than in any year since these statistics have been collected, that is if we judge from the births and deaths as they were returned, if the births and deaths as corrected are employed, the statistics show a larger excess of births over deaths in 1874 and 1875. In every year, however, the increase of population in Michigan by excess of births over deaths is very great.

In this volume as in preceding Reports, much attention has been given to the studies into the causes of deaths, this being considered the most important use which can be made of vital statistics, because knowledge of causes of sickness and of deaths is essential to systematic efforts for the prevention or avoidance of those causes. Beginning on page 162, the causes specified for the deaths in Michigan in 1876 are studied by classes, by months in the year, by part of body affected by the disease, by divisions of the State in which the deaths occurred, etc. The diseases which caused the greatest number of deaths in Michigan in 1876 are shown on page 248, and on page 249 they may be seen for several years preceding 1876. Consumption, pneumonia, typhoid fever, and scarlet fever usually lead the lists of diseases which cause most deaths. In connection with each important disease, the conditions of the atmosphere in months when more than an average number of deaths occurred are systematically studied, and many interesting facts have already been learned. Among these, one, the full significance of which is probably not yet appreciated, may be learned by examining the statements relating to pneumonia (inflammation of the lungs), on pages 279–285, especially the diagrams 9 and 10, and the comments on page 282, wherein it appears that the times when more than an average number of deaths from pneumonia occur coincide with the

times when there is an excess of ozone in the atmosphere. Particular attentio is given to studies into the conditions coincident with deaths from consumption, that being the disease which is reported to cause more deaths than does any other disease, in Michigan as in every other state and country where vital statistics are gathered. To facilitate such comparisons as have been referred to, diagrams accurately drawn to scale, have been prepared for this volume, so as to picture to the eye contrasts and coincidences which otherwise could not be appreciated. The manner of the construction and of the reading of these diagrams has been explained in previous Reports, and need not be repeated here, but reference may be made to page xiii., in Vital Statistics of Michigan 1875, where the subject was last mentioned.

In submitting this volume the compiler is quite conscious of the fact that it has imperfections which he would gladly see disappear if that were possible; but he is also conscious of having labored faithfully to make it as perfect as he could under the circumstances, and he trusts it may prove a useful contribution to existing knowledge on the subjects upon which it supplies data. His acknowledgments are due to Mr. Louis DeLamarter and to others in the State Department who have so carefully performed their work upon the material which constitutes the basis of the volume.

Respectfully submitted,

HENRY B. BAKER, M. D.,
Superintendent of Vital Statistics.

BIRTHS, MARRIAGES, AND DEATHS,

IN MICHIGAN,

DURING THE YEAR 1876.

The number of births, marriages, and deaths, and the excess of births over deaths as returned for each of the years 1868–1876, and the number of births and deaths, and the excess of births over deaths after both births and deaths are corrected for omissions in enumerating for each of the years 1871–1876, are shown in Exhibit A. In Michigan the natural increase of population by excess of births over deaths is very great. The largest excess of births over deaths as returned is shown for 1876, the smallest for 1872, when the births and deaths are corrected as in this exhibit, the largest excess of births is shown for 1874, the smallest for 1871. In this connection it should be stated that the number of births in 1874 as corrected for omissions is *probably* too large, for reasons stated on pages 1 and 2, Vital Statistics of Michigan, 1874.

EXHIBIT A.—*Births, Marriages, and Deaths Returned as having occurred in Michigan during each of the Years 1868 to 1876, inclusive, including those in unknown month; also, for the Years 1871–1876 the number of Births and Deaths, and the Excess of Births over Deaths, after the Births and Deaths are Corrected for Omissions in Enumerating.*

		1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.
As Returned.	Marriages.....[a]	8,702	10,394	9,776	10,588	10,719	11,825	12,009	11,055	10,859
	Births.....	25,020	27,093	26,663	25,992	27,993	34,608	31,151	31,958	34,235
	Deaths.....	8,235	9,145	10,766	9,728	13,371	14,258	12,500	11,990	12,576
	Ex. of Births over Deaths.....	16,785	17,948	15,897	16,264	14,622	20,350	18,651	19,968	21,659
As Corrected for Omissions.	Births.....	.....	.....	.....	37,104	43,081	45,088	55,841	46,553	45,172
	Deaths.....	.....	.....	.....	15,723	21,101	20,312	20,090	17,289	18,389
	Ex. of Births over Deaths.....	.....	.....	.....	21,381	21,980	24,776	35,751	29,264	26,783

[a] Corrected, for additional returns, up to April 1, 1878.

EXHIBIT B.—*Statements concerning Births, Marriages, and Deaths in Michigan during the Years 1870 to 1876, inclusive*

	1870. [b]	1871. [b]	1872. [b]	1873. [b]	1874, [b]	1875. [c]	1876. [c]
Inhabitants represented by returns of marriages to one marriage [a]	120.87	110.72	110.30	99.85	97.59	114.92	122.75
In population represented by marriages, males to one marriage	63.09	57.76	57.58	52.17	50.95	60.06	64.14
In population represented by marriages, females to one marriage	57.75	53.31	52.72	47.76	46.64	54.86	58.61
Male inhabitants at ages at which marriages occurred to one marriage	37.27	36.69	35.18	31.85	31.08	[d]	[d]
Female inhabitants at ages at which marriages occurred to one marriage	37.83	36.29	34.34	32.36	30.51	[d]	[d]
Inhabitants represented by births to each child returned	43.43	44.13	41.77	34.07	37.89	41.52	38.56
Inhabitants, males to each male child returned	43.59	43.97	42.19	34.35	37.84	41.98	38.86
Inhabitants, females to each female child returned	43.57	44.57	41.58	33.90	38.08	41.24	38.38
Inhabitants, females aged 16 to 45 to each child returned	9.35	9.51	8.98	7.32	8.16	[d]	[d]
Children born to 100 females aged 16 to 45	10.68	10.52	11.13	13.66	12.25	[d]	[d]
Inhabitants represented by deaths to one death	107.13	117.54	86.61	82.46	93.77	110.25	104.74
Inhabitants, males to one death of male	107.48	114.75	84.09	80.16	91.76	107.09	101.84
Inhabitants, females to one death of female	107.50	121.67	89.93	85.34	96.59	115.14	109.21
Deaths, males to 100 females	108.73	115.17	116.55	116.10	114.83	117.58	117.27
Births, males to 100 females	108.80	110.21	107.46	107.67	109.88	107.43	108.05
Total population of State, males to 100 females	109.22	109.22	109.22	109.22	109.22	109.47	109.47
Births to one death	2.47	2.67	2.09	2.43	2.49	2.67	2.72
Births, males to one death of male	2.47	2.62	2.01	2.34	2.44	2.56	2.63
Births, females to one death of female	2.47	2.74	2.18	2.52	2.55	2.80	2.85
Children born of which the sex was unknown or not stated	91.00	69.00	83.00	68.00	49.00	82.00	56.00
Deaths of which the sex was unknown or not stated	37.00	35.00	27.00	17.00	31.00	58.00	59.00
Natural daily increase of population, as per births and deaths returned	43.55	44.56	39.95	55.76	51.10	54.71	59.34
Natural daily increase of population when returns are corrected for omissions in enumeration	.....	58.58	60.06	67.83	97.95	80.17	73.38

[a] Marriages, corrected for additional returns, up to April 1, 1878.
[b] In computing statements for this column, the inhabitants, June 1, 1870, were used.
[c] In computing statements for this column, the inhabitants in 1874 were used.
[d] Population for 1874, by ages, cannot be ascertained

Facts respecting numbers of births, marriages, and deaths are sometimes best appreciated by having them stated for brief periods of time; accordingly Table I. is prepared to show the average numbers per day, per week, etc., and the natural increase of population for the same short periods of time. It will be seen that when the births and deaths are corrected for the omissions which occur (because of the length of time after their occurrence before they are enumerated), the excess of births over deaths during the year 1876 averaged about 73 persons per day.

TABLE I.—*The Number of Marriages, Births, Deaths, and Excess of Births over Deaths in the State of Michigan during the Year 1876, and the Average Number and Excess during Specified Periods of time within the Year as Returned, and the same for Births and Deaths as Corrected for Omissions in Enumeration.*

	PERIODS OF TIME, 1876.	Marriages, 1876.	Births, 1876.	Deaths, 1876.	Excess of Births over Deaths.
Births and Deaths as Returned.	Year, 1876 [a]	10,858.00	34,235.00	12,576.00	21,659.00
	Quarter	2,714.50	8,558.75	3,144.00	5,414.75
	Month	904.83	2,852.92	1,048.00	1,804.92
	Week	208.81	658.37	241.85	416.52
	Day	29.75	93.79	34.45	59.34
Births and Deaths as Corrected. [b]	Year, 1876 [a]	----------	45,172.00	18,389.00	26,783.00
	Quarter	----------	11,293.00	4,597.25	6,695.75
	Month	----------	3,764.33	1,532.42	2,231.91
	Week	----------	868.69	353.63	515.06
	Day	----------	123.76	50.38	73.38

[a] Unknown month included.
[b] Corrected as if enumerated in months of occurrence. For reasons for, and methods of correction, see pages 4-10, for births, and pages 112-113, 117, for deaths.

EXHIBIT 1.—*By Months, the Births, Deaths, and Excess of Births over Deaths, according to the Returns, in Michigan during each of the Years 1867 to 1876, inclusive.*

		Total.	Months.										
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1867	Births	.....	.....	.....	.....	1,573	1,372	1,385	1,542	1,704	1,641	1,661	1,502	1,554
	Deaths	.....	.....	.....	.....	532	383	346	373	512	627	555	485	518
	Excess of Births	.....	.....	.....	.....	1,041	989	1,039	1,169	1,192	1,014	1,106	1,017	1,036
1868	Births	24,641	1,699	1,759	2,043	1,607	2,037	1,944	2,163	2,399	2,362	2,246	2,099	2,283
	Deaths	8,105	535	583	699	486	503	482	747	983	1,041	776	602	668
	Excess of Births	16,536	1,164	1,176	1,344	1,121	1,534	1,462	1,416	1,416	1,321	1,470	1,497	1,615
1869	Births	27,023	1,658	1,752	2,005	2,042	2,221	2,085	2,466	2,731	2,682	2,508	2,361	2,512
	Deaths	9,097	436	561	761	712	652	630	687	1,068	1,194	874	686	836
	Excess of Births	17,926	1,222	1,191	1,244	1,330	1,569	1,455	1,779	1,663	1,488	1,634	1,675	1,676
1870	Births	26,531	1,604	1,737	2,099	2,076	2,275	2,140	2,339	2,559	2,602	2,480	2,233	2,387
	Deaths	10,731	421	553	724	678	689	754	1,084	1,473	1,363	1,132	933	927
	Excess of Births	15,800	1,183	1,184	1,375	1,398	1,586	1,386	1,255	1,086	1,239	1,348	1,300	1,460
1871	Births	25,926	1,737	1,688	1,987	1,899	2,046	1,898	2,171	2,536	2,518	2,478	2,329	2,639
	Deaths	9,671	529	578	781	721	750	626	788	1,083	1,055	933	798	1,029
	Excess of Births	16,255	1,208	1,110	1,206	1,178	1,296	1,272	1,383	1,453	1,463	1,545	1,531	1,610
1872	Births	27,965	1,774	1,899	2,195	2,253	2,281	2,250	2,413	2,817	2,713	2,428	2,357	2,585
	Deaths	13,341	602	756	941	1,140	979	815	1,050	1,738	1,653	1,321	1,058	1,288
	Excess of Births	14,624	1,172	1,143	1,254	1,113	1,302	1,435	1,363	1,079	1,060	1,107	1,299	1,297
1873	Births	34,533	2,112	2,249	2,847	2,711	2,794	2,599	2,915	3,342	3,436	3,165	3,017	3,351
	Deaths	14,189	859	1,104	1,248	1,174	1,121	1,040	1,176	1,535	1,471	1,258	1,067	1,136
	Excess of Births	20,349	1,253	1,145	1,599	1,537	1,673	1,559	1,739	1,807	1,965	1,907	1,950	2,215
1874	Births	31,106	1,899	1,954	2,462	2,464	2,586	2,558	2,761	3,077	2,972	2,726	2,726	2,921
	Deaths	12,454	655	672	919	1,102	1,071	866	965	1,388	1,517	1,211	968	1,120
	Excess of Births	18,652	1,244	1,282	1,543	1,362	1,515	1,692	1,796	1,689	1,455	1,515	1,758	1,801
1875	Births	31,898	2,089	2,121	2,415	2,710	2,722	2,530	2,725	3,103	3,081	2,819	2,727	2,856
	Deaths	11,919	736	898	1,045	1,003	1,022	808	893	1,222	1,219	1,080	928	1,065
	Excess of Births	19,979	1,353	1,223	1,370	1,707	1,700	1,722	1,832	1,881	1,862	1,739	1,799	1,791
1876	Births	34,131	2,283	2,352	2,744	2,730	2,870	2,739	3,014	3,124	3,110	3,039	2,921	3,205
	Deaths	12,545	685	800	975	978	970	855	1,079	1,507	1,423	1,131	989	1,153
	Excess of Births	21,586	1,598	1,552	1,769	1,752	1,900	1,884	1,935	1,617	1,687	1,908	1,932	2,052
Monthly average of excess for 1868 to 1876, inclusive		17,967	1,266	1,223	1,412	1,389	1,564	1,541	1,611	1,521	1,504	1,575	1,638	1,724

THE RELATION OF BIRTHS, MARRIAGES, AND DEATHS.

Exhibit C and Diagram No. 1, illustrating it, are made for the purpose of studying the relations which the births, marriages and deaths sustain each to

the other. The number of births, as corrected for omissions and equalized for increase of population, is given, by months, for the years 1874, 1875, and 1876, and the marriages, and deaths at reproductive ages (20 to 50 for males, and 15 to 45 for females) in months of conceptions of the births. The greatest number of deaths, at reproductive ages, occurred in March, 1876, the greatest number of marriages in December, 1875, while the largest number of births is in the month of April, 1876. Deaths at reproductive ages seem to have little if any influence upon the birth-rate. The numerous marriages in October, November, and December seem to have been coincident with numerous conceptions in those months—the births being numerous in July, August, and September following; but the births were reported about equally numerous in March, April, and May, while the marriages in months of June and August preceding were not very numerous.

EXHIBIT C.—*Births in Michigan, by Months, during the Years 1874, 1875, and 1876, and Marriages and Deaths of Persons at Reproductive Ages[a] during months of Conception of the Births,—Births and Deaths Corrected for Omissions in Enumerating and Equalized for Increase of Population,—all Months Equalized to a uniform length of 30.44 days each.*

	Years.	Total.[b]	Months of Births.											
			Jan.	Feb.	Mar.	Apr.	May.	J'ne.	J'ly.	Aug.	Sept.	Oct.	Nov.	Dec.	Av. Month.
Births Corrected for Omissions in Enumerating, Equalized for Increase of Population, and Equalized to months of uniform length.....	1874.....	57,139	4,383	4,804	5,252	5,211	5,070	4,956	4,941	5,246	4,979	4,192	4,097	4,008	4,762
	1875.....	47,613	3,673	4,008	3,998	4,493	4,229	3,930	3,959	4,354	4,309	3,676	3,538	3,446	3,968
	1876.....	45,999	3,509	3,772	4,013	4,023	3,989	3,831	3,971	4,004	4,004	3,678	3,551	3,654	3,833
			Months of Conceptions of Births.												
		Total.[b]	Apr.	May.	J'ne.	J'ly.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Av. Month.
Marriages,[c] Equalized to months of uniform length.....	1873–1874	12,114	918	887	899	1,103	831	1,064	1,163	1,186	1,087	969	1,060	947	1,010
	1874–1875	11,790	969	821	794	987	849	1,078	1,128	1,245	1,320	842	866	891	983
	1875–1876	11,604	937	871	809	952	761	984	1,217	1,219	1,245	908	880	821	967
Decedents at Reproductive Ages Corrected for Omissions in Enumerating, equalized for increase of population, and equalized to months of uniform length.....	1875–1876	4,054	392	415	305	308	303	328	385	282	321	245	346	424	338

[a] Males aged 20 to 50, and females aged 15 to 45 years.
[b] Excluding unknown month.
[c] Marriages, corrected for additional returns, up to April 1, 1878.

All of this exhibit C, except the first line of births (1874) and of marriages (1873–1874) is graphically represented in Diagram No. 1. These lines (1874, 1873–1874) are left off of the Diagram because the *corrected* number of births

for 1874 is probably much too large, for reasons mentioned on pages 1 and 2, "Vital Statistics of Michigan, 1874."

In Exhibit 2 the plus and minus signs indicate, respectively, that in the months where they occur the number under the sign is greater or less, as the case may be, than the number for the "Average Month."

Before the births are corrected for omissions, the first six months have less, and the last six months have more, than the average monthly number.

Using the number of births returned, and equalized by months, as the datum, propositions may be made as follows:

(1.) *More* than an average number of conceptions occurred in months in which *more* than an average number of marriages were solemnized, and *less* than an average number in months in which *less* than an average number of marriages were solemnized.

(2.) *Less* than an average number of conceptions occurred in months in which *more* than an average number of deaths occurred, and *more* than an average number of conceptions in months in which *less* than an average number of deaths occurred.

According to Exhibit 2, there are four exceptions to each of the above propositions, which therefore hold true in eight of the twelve instances. If the births and deaths corrected for omissions are thus studied, proposition 1 holds true in eight, and proposition 2, in ten out of the twelve cases.

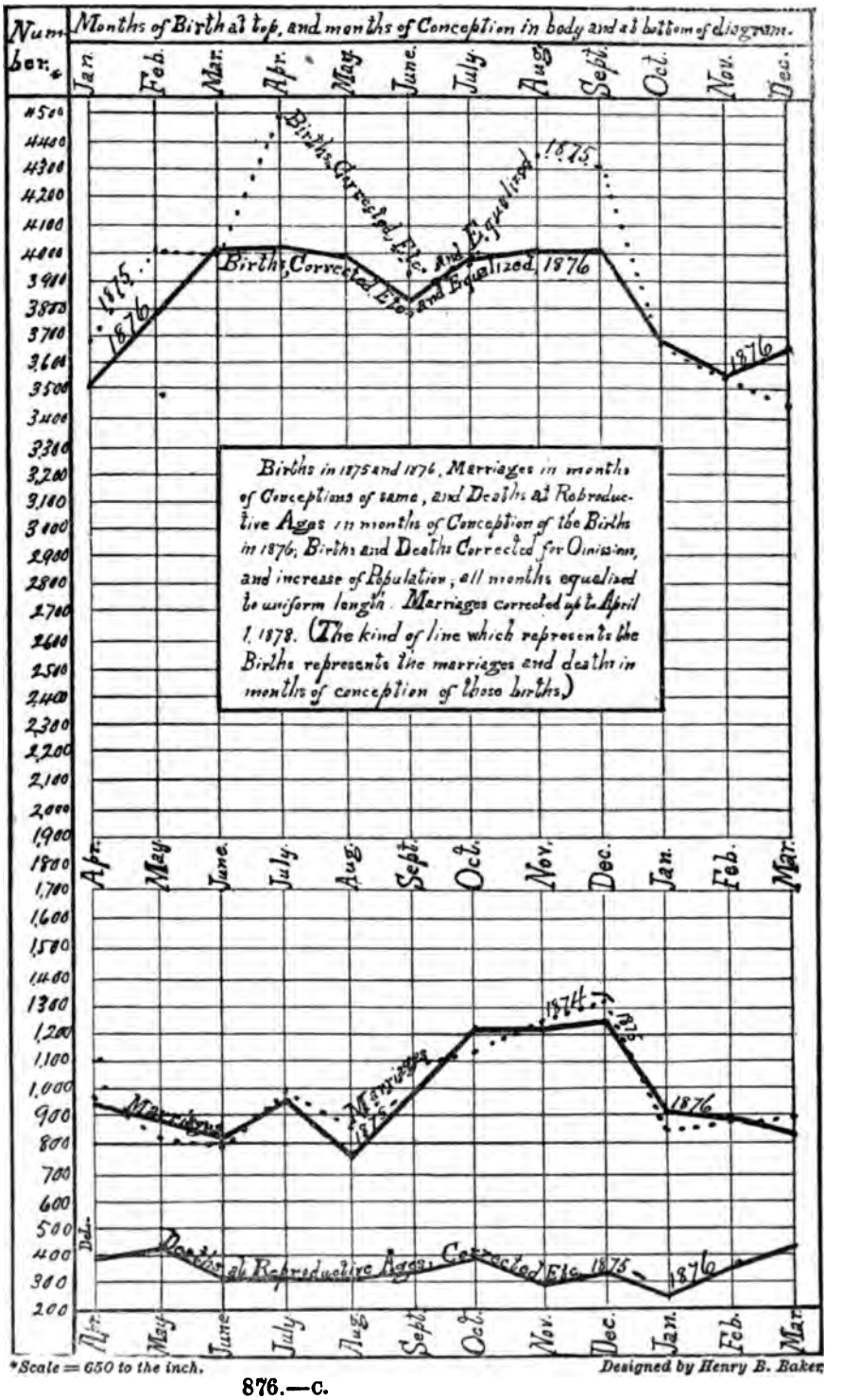
EXHIBIT 2.—*Births Returned as having occurred in Michigan by Months during the Year 1876, and Marriages and Deaths during Months of Conceptions of the Births,—all Months Equalized to Uniform length of 30.44 Days.*

	Total.[a]	Months, 1876.												
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Av. Month.
Births, 1876 equalized to months of uniform length....	34,052	— 2,242	— 2,469	— 2,695	— 2,770	— 2,818	— 2,779	+ 2,960	+ 3,068	+ 3,156	+ 2,984	+ 2,964	+ 3,147	2,838
Births, 1876, corrected for omissions in enumerating, and equalized to months of uniform length.	44,976	— 3,368	— 3,632	+ 3,879	+ 3,900	+ 3,880	— 3,739	+ 3,888	+ 3,935	+ 3,948	— 3,640	— 3,526	— 3,641	3,748

		Months, 1875.									1876.			
		Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Av. Month.
Marriages[b], equalized to months of uniform length....	11,110	— 916	— 857	— 792	— 923	— 742	+ 943	+ 1,131	+ 1,103	+ 1,094	— 908	— 880	— 821	926
Deaths, equalized to months of uniform length.....	11,674	+ 1,017	+ 1,004	— 819	— 877	+ 1,200	+ 1,237	+ 1,061	— 942	+ 1,046	— 673	— 840	— 958	973
Deaths, corrected for omissions in enumerating, and equalized to months of uniform length.	16,929	+ 1,591	+ 1,526	— 1,210	— 1,257	+ 1,668	+ 1,666	— 1,383	— 1,186	— 1,273	— 1,170	+ 1,422	+ 1,577	1,411

[a] Excluding unknown month.
[b] Corrected, for additional returns, up to April 1, 1878.

DIAGRAM No. 1.



*Scale = 650 to the inch.

Designed by Henry B. Baker

876.—C.

EXHIBIT D.—*Grouping the evidence of the Vital Statistics on the subject of the Comparative Natural Increase of Native and Foreign-born Inhabitants of Michigan, by Excess of Births over Deaths, the Evidence Exhibited covering the Years 1873 to 1876, inclusive.*

BIRTHS, DEATHS, AND EXCESS OF BIRTHS OVER DEATHS.	1873.			1874.			1875.			1876.		
	Total.	Both Parents of Children Native, Deaths of Native-born.	Both Parents of Children Foreign, Deaths of Foreign-born.	Total.	Both Parents of Children Native, Deaths of Native-born.	Both Parents of Children Foreign, Deaths of Foreign-born.	Total.	Both Parents of Children Native, Deaths of Native-born.	Both Parents of Children Foreign, Deaths of Foreign-born.	Total.	Both Parents of Children Native, Deaths of Native-born.	Both Parents of Children Foreign, Deaths of Foreign-born.
Births, by parentage	[a] 34,608	16,202	11,946	[a] 31,151	13,341	10,517	[a] 31,958	14,226	11,120	[a] 34,235	15,531	11,901
Deaths, by Nativity	[b] 14,248	[c] 11,600	[d] 2,324	[b] 12,500	[c] 9,937	[d] 2,123	[b] 11,990	[c] 9,573	[d] 2,106	[b] 12,576	[c] 10,147	[d] 2,078
Excess of Births over Deaths	20,360	4,602	9,612	18,651	3,404	8,389	19,968	4,653	9,014	21,659	5,404	9,823

[a] Includes children of mixed parentage, and those where the nativity of one or both parents was unknown.
[b] Includes deaths of persons of unknown nativity.
[c] Includes all deaths of persons born in the United States, whether born of native or of foreign-born parents. As these deaths include deaths of children born of foreign parents, there seems to be no way to grasp the evidence sought for, except by an improved law which shall give us knowledge of the parent-nativity of children and of all who die.
[d] Includes only persons who were born in foreign countries.

The number of births and deaths which were returned to the State Department as having occurred out of Michigan may be seen in Exhibit E. It is supposed that some of these births and deaths were in families residing in this State, but temporarily absent therefrom, while some were in families which moved into the State after the births and deaths took place, and that they were taken by the supervisors in their enumeration. Probably births and deaths were omitted, perhaps an equal number, by the supervisors, because of families moving out of the State before the supervisors came around.

EXHIBIT E.—*Showing, for the State and Counties of Michigan, the Number of Births and Deaths Returned to this Department as having occurred out of Michigan during the Year 1876, (Presumably in Families Residing in Michigan).*

STATE AND COUNTIES.	Births, 1876.	Deaths, 1876.	COUNTIES.	Births, 1876.	Deaths, 1876.
STATE	193	57	Leelanaw	3	
			Lenawee	7	6
Allegan	1	1	Livingston	2	1
Barry	10	1	Manistee		1
Bay	15	1	Mason		1
Benzie	2		Mecosta	3	1
Berrien	4		Menominee	2	
Branch	8	1	Midland	1	
Calhoun	5	3	Monroe	4	
Cass	7		Montcalm	4	1
Cheboygan	1		Muskegon	1	
Eaton	4	2	Newaygo	2	
Emmet	3	1	Oakland	2	
Genesee	1		Oceana	1	
Gratiot	4		Osceola	4	1
Hillsdale	2	2	Ottawa	2	
Houghton	8	3	Saginaw	10	5
Huron	1		Sanilac	5	
Ingham	6		Shiawassee	2	
Ionia	5		St. Clair	5	4
Iosco		1	St. Joseph	5	
Isabella	1		Tuscola	1	1
Jackson	5	4	Van Buren	2	1
Kalamazoo	6	1	Washtenaw	6	
Kent	13	2	Wayne	4	8
Lake	3		Wexford		2
Lapeer		1			

TABLE II.—*Exhibiting, by Sex, the Population in 1874, the Number of Marriages, Births, and Deaths, and the Excess of Births over Deaths in Michigan during the Year 1876.*

STATE AND COUNTIES.	Population, 1874.			Marriages, 1876.	Births, 1876.				Deaths, 1876.				Excess of Births over Deaths. [a]			
	Total.	Males.	Females.		Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.
State	1,334,031	697,184	636,847	10,838	34,235	17,751	16,428	56	12,576	6,756	5,761	59	21,659	10,995	10,667	-3
Alcona	1,214	688	526	5	15	8	7	.....	8	5	3	.....	7	3	4	.....
Allegan	32,381	16,976	15,405	303	795	411	384	.....	311	172	139	.....	484	239	245	.....
Alpena	4,807	2,808	1,999	41	181	94	87	.....	43	21	22	.....	138	73	65	.....
Antrim [b]	3,002	1,654	1,348	24	75	46	28	1	19	14	4	1	56	32	24	.....
Baraga [c]	.....	.....	.....	11	66	38	28	.....	27	12	15	.....	39	26	13	.....
Barry	22,031	11,588	10,463	193	565	289	275	1	195	95	100	1	369	194	175	.....
Bay [d]	24,832	13,657	11,175	174	890	466	424	.....	257	135	122	.....	633	331	302	.....
Benzie	2,663	1,422	1,241	32	71	35	36	.....	26	11	15	.....	45	24	21	.....
Berrien	35,029	17,942	17,087	471	701	372	328	1	335	186	149	.....	366	186	179	1
Branch	25,726	13,041	12,685	281	566	299	265	2	309	151	156	2	257	148	109	.....
Calhoun	35,635	18,136	17,499	264	535	272	262	1	238	124	112	2	297	148	150	-1
Cass	20,525	10,592	9,933	202	382	188	193	1	189	92	97	.....	193	96	96	1
Charlevoix	2,360	1,280	1,080	25	82	41	41	.....	33	18	15	.....	49	23	26	.....
Cheboygan [e]	3,070	1,706	1,364	23	93	51	42	.....	14	8	6	.....	79	43	36	.....
Chippewa [f]	2,170	1,222	948	10	56	24	32	.....	31	16	14	1	25	8	18	-1
Clare [g]	1,354	745	609	7	49	25	24	.....	16	11	5	.....	33	14	19	.....
Clinton	23,661	12,162	11,499	199	546	297	249	.....	187	95	91	1	359	202	158	-1
Delta [h]	4,741	2,882	1,859	27	140	61	79	.....	38	20	18	.....	102	41	61	.....
Eaton	26,907	13,875	13,032	259	694	368	326	.....	236	124	112	.....	458	244	214	.....
Emmet	1,272	669	603	21	88	50	37	1	65	32	32	1	23	18	5	.....

Genesee[i]	34,563	17,536	17,032	330	620	319	300	1	255	138	117	.....	365	181	183	
Gladwin	265	145	120	.....	12	6	6	.....	1	.....	1	.....	11	6	5	.....
Grand Traverse	5,349	2,801	2,548	61	146	81	65	.....	45	23	22	.....	101	58	43	.....
Gratiot	13,836	7,304	6,532	93	410	191	219	.....	89	47	42	.....	321	144	177	.....
Hillsdale [j]	31,566	15,971	15,595	358	512	275	237	.....	213	110	103	.....	299	165	134	.....
Houghton	19,030	11,013	8,017	136	842	473	369	.....	183	109	74	.....	659	364	295	.....
Huron	11,964	6,614	5,350	129	516	242	273	1	82	46	35	1	434	196	238	.....
Ingham	29,193	15,204	13,989	269	601	308	292	1	255	142	111	2	346	166	181	-1
Ionia[k]	28,376	14,788	13,588	268	665	375	287	3	231	114	113	4	434	261	174	-1
Iosco[l]	4,575	2,706	1,869	17	103	67	36	.....	40	21	19	.....	63	46	17	.....
Isabella[m]	6,059	3,273	2,786	53	198	103	94	1	84	37	47	.....	114	66	47	1
Isle Royal	4	4	.....	.....	7	3	4	.....	5	5	.....	.....	2	-2	4	.....
Jackson	37,938	19,853	18,135	330	766	400	366	.....	331	175	156	.....	435	225	210	.....
Kalamazoo	32,284	16,583	15,701	250	620	294	326	.....	324	176	148	.....	296	118	178	.....
Kalkaska [n]	1,289	692	597	11	55	25	30	.....	13	8	5	.....	42	17	25	.....
Kent	62,671	32,576	30,095	487	1,759	917	836	6	612	332	275	5	1,147	585	561	1
Keweenaw	5,411	3,233	2,178	40	285	145	137	3	74	30	35	9	211	115	192	-6
Lake	1,813	1,015	798	10	73	32	41	.....	13	7	6	.....	60	25	35	.....

[a] The figures with the minus sign placed before them indicate the excess of deaths over births.
[b] No returns of deaths from the township of Kearney.
[c] The population of Baraga county cannot be ascertained. It was compiled with Houghton county.
[d] No returns of deaths from the township of Merritt.
[e] No returns of births or deaths from the township of Nunda.
[f] No returns of births or deaths from the townships of Detour and Sugar Island.
[g] No returns of deaths from the township of Summerfield.
[h] No returns of deaths from the township of Fairbanks.
[i] No returns of deaths from the township of Argentine.
[j] No returns of deaths from the township of Scipio.
[k] No returns of births or deaths from the township of North Plains.
[l] No returns of deaths from the township of Thompson.
[m] No returns of deaths from the townships of Brookfield and Deerfield.
[n] No returns of births from the townships of South Branch and Springfield.

TABLE II.—CONTINUED.

COUNTIES.	POPULATION, 1874.			Marriages, 1876.	BIRTHS, 1876.				DEATHS, 1876.				EXCESS OF BIRTHS OVER DEATHS.[a]			
	Total.	Males.	Females.		Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Un. known.	Total.	Males.	Females.	Unknown.
Lapeer	25,140	13,095	12,045	195	545	288	257	.....	173	83	90	.....	372	205	167	.....
Leelanaw	5,031	2,692	2,339	35	160	85	75	.....	40	20	20	.....	120	65	55	.....
Lenawee	46,084	23,256	22,828	389	809	398	411	.....	395	200	195	.....	414	198	216	.....
Livingston	20,329	10,569	9,760	140	444	233	210	1	158	85	71	2	286	148	139	-1
Mackinac	1,496	765	731	11	55	28	27	.....	23	18	5	.....	32	10	22	.....
Macomb	28,305	14,367	13,938	232	702	356	346	.....	260	150	110	.....	442	206	236	.....
Manistee	8,471	4,792	3,679	76	325	198	127	.....	74	51	23	.....	251	147	104	.....
Manitou[b]	657	364	293	.....	39	22	17	.....	3	2	1	.....	36	20	16	.....
Marquette	21,946	12,893	9,053	99	898	451	447	.....	250	146	104	.....	648	305	343	.....
Mason	5,361	2,971	2,390	51	192	100	92*	.....	63	37	26	.....	129	63	66	.....
Mecosta[c]	9,132	4,874	4,258	88	230	118	112	.....	46	26	20	.....	184	92	92	.....
Menominee	3,490	2,213	1,277	29	48	21	25	2	20	13	6	1	28	8	19	1
Midland	4,765	2,593	2,172	23	114	60	54	.....	40	17	23	.....	74	43	31	.....
Missaukee	606	395	211	3	24	11	13	.....	5	2	3	.....	19	9	10	.....
Monroe[d]	30,111	15,302	14,809	285	703	365	337	1	196	103	92	1	507	262	245	.....
Montcalm[e]	20,815	11,311	9,504	156	498	242	256	.....	152	80	72	.....	346	162	184	.....
Muskegon[f]	19,375	10,761	8,614	162	430	228	202	.....	120	68	52	.....	310	160	150	.....
Newaygo[g]	8,758	4,879	3,879	78	197	96	100	1	68	37	30	1	129	59	70	.....
Oakland[h]	38,082	19,446	18,636	325	596	302	292	2	268	147	120	1	328	155	172	1
Oceana	8,360	4,581	3,779	68	254	126	128	.....	83	45	38	.....	171	81	90	.....
Ogemaw[i]	207	153	54	6	.....	.....	.....	.....	4	2	2	.....	-4	-2	-2	.....
Ontonagon	2,406	1,276	1,130	13	75	40	35	.....	24	14	10	.....	51	26	25	.....

Osceola	6,216	3,491	2,725	41	214	107	107	.....	68	38	30	.....	146	69	77	.....
Otsego[j]	238	162	76	13	15	1	14	.....	4	2	2	.....	11	-1	12	.....
Ottawa	29,929	15,789	14,140	232	906	479	427	.....	259	133	126	.....	647	346	301	.....
Presque Isle[k]	1,615	851	764	5	65	38	27	.....	13	10	3	.....	52	28	24	.....
Roscommon[l]	276	187	89	.....	3	2	1	.....	.....	.....	.....	.....	3	2	1	.....
Saginaw	48,409	25,968	22,441	384	1,375	718	648	14	503	251	241	11	872	462	407	3
Sanilac	16,292	8,652	7,640	117	575	292	283	.....	144	82	62	.....	431	210	221	.....
Schoolcraft[m]	1,290	824	466	5	6	2	4	.....	.....	.....	.....	.....	6	2	4	.....
Shiawassee	21,773	11,265	10,508	180	473	259	214	.....	189	96	93	.....	284	163	121	.....
St. Clair	40,688	21,181	19,507	331	1,093	549	541	3	336	181	152	3	757	368	389	.....
St. Joseph	25,906	13,267	12,639	273	542	272	270	.....	219	114	105	.....	323	158	165	.....
Tuscola	16,998	8,950	8,048	147	490	253	237	.....	125	55	70	.....	365	198	167	.....
Van Buren	29,156	15,062	14,094	233	582	285	297	.....	256	127	129	.....	326	158	168	.....
Washtenaw	38,723	19,553	19,170	214	653	345	308	.....	302	182	120	.....	331	163	168	.....
Wayne	144,903	72,306	72,597	751	5,009	2,636	2,365	8	2,242	1,266	967	9	2,767	1,370	1,398	-1
Wexford[n]	3,011	1,752	1,259	51	116	59	57	.....	23	11	12	.....	93	48	45	.....

[a] The figures with the minus sign placed before them indicate the excess of deaths over births.
[b] No returns of deaths from the townships of Galilee and Peaine, and no returns of births or deaths from the township of South Manitou.
[c] No returns of deaths from the township of Greene.
[d] No returns of births or deaths from the township of Berlin.
[e] No returns of births from the township of Home, and no returns of deaths from the township of Reynolds.
[f] No returns of births from the townships of Cedar Creek, Dalton, Eggleston, Fruitport, Montague, Moorland, Norton, and Ravenna.
[g] No returns of deaths from the townships of Big Prairie, Bridgeton, and Monroe, and no returns of births or deaths from the townships of Beaver and Brooks.
[h] No returns of births or deaths from the township of Holly.
[i] No returns of births or deaths from the township of Edwards, and no births in the townships of Churchill, Ogemaw, or Rose.
[j] No returns of deaths from the townships of Elmira and Corwith, and no returns of births or deaths from the townships of Charlton and Hayes.
[k] No returns of deaths from the township of Presque Isle.
[l] No returns of marriages or deaths for 1876 to county clerk.
[m] No returns of deaths to the county clerk, and no returns of births from the townships of Manistique and Onota.
[n] No returns of births from the township of Harring, and no returns of births or deaths from the 1st ward of Cadillac.

BIRTHS, 1876.

According to the returns made to the county clerks, and by them to the State Department, 34,235 children were born in Michigan during the year 1876. This number is larger than the number returned for any previous year except 1873. Table I. shows the number born in each year, and in each quarter of each of the years 1872–1876. The number of births added as a correction for the omissions in the enumeration is 10,937, making the probable number which actually occurred, according to the compiler's method of correction, 45,172. The number added as a correction for omissions in the enumeration (10,937) is 32.04 per cent of the number (34,131) returned, excluding those in unknown month; and the number of births returned, excluding unknown month (34,131), is 75.73 per cent of the number of births which occurred in the State in 1876 (45,068, excluding those in unknown month), according to this method of correction.

The following tabular exhibit shows what per cent of the actual births were probably returned, and the per cent added as a correction for the omissions caused by the time elapsing between the occurrence and the enumeration of the births, for each of the years 1871–76, and the average for the six years. By this exhibit it appears that a larger than average proportion of the births was returned for 1876, and consequently a smaller than average per cent was added as a correction for omissions.

YEARS.	Per Cent of Births Returned.	Per Cent of Births Added as Correction for Omissions.
1871	70.00	42.86
1872	64.95	43.95
1873	76.72	30.34
1874	55.75	79.37
1875	68.61	45.76
1876	75.73	32.04
Average for 6 years.	68.63	45.73

The average number of births for each of the usual specified periods of time, including the number in unknown month, is as follows:

PERIODS OF TIME.	Births as Returned.	Corrected as per Exhibit A, 4th line.	Corrected with 45.72 Per Cent.
Per quarter	8,558.75	11,293.00	12,460.00
Per month	2,852.92	3,764.33	4,153.33
Per week	658.37	868.69	958.46
Per day	93.54	123.42	136.17

The relations of the numbers of births in Michigan, in 1876, to the number of inhabitants of the State cannot be accurately shown, because of the increase since the latest Census in 1874; employing the statements of inhabitants by the Census in 1874, and the births as returned, the birth-rate appears larger in 1875 than in 1874, and larger in 1876 than in 1875; the increase of population should be considered in this connection; the inhabitants in 1874, and the relations which the births in 1876, as returned and as corrected, bear to the numbers of inhabitants, are shown as follows:

SEX.	Inhabitants in 1874 Represented by Births in 1876.	Births as Returned.	Births Corrected for Omissions in Enumerating.	Per Cent of Births to Inhabitants.	
				Births as Returned.	Births Corrected for Omissions.
Total	1,320,273	34,235	45,155	2.59	3.42
Males	689,717	17,751	24,947	2.57	3.62
Females	630,456	16,428	20,208	2.61	3.21
Unknown		56			

Table I. is similar in plan to the corresponding tables for previous years, so far as relates to the upper half of it; that part of it shows that in 1876 the births were more evenly distributed throughout the quarters of the year than was the case in previous years. The lower half of the table is a new feature—published in this report for the first time; it is planned to show the births by quarters of the year, when the births are corrected so as to include all which probably occurred. It is plain, that as thus corrected, the births are still more evenly distributed by quarters of the year than when not thus corrected, as shown in the upper part of the table.

TABLE I.—*Births by Quarters of the Year, Exhibiting the Number and Per Cent of Totals for the Years 1872 to 1876, inclusive, As Returned, and As Corrected for Omissions in the Enumeration.*

	TOTALS, AND MONTHS WITH WHICH QUARTERS END.	1872.		1873.		1874.		1875.		1876.	
		Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
As Returned.	Totals	27,993	100.00	34,608	100.00	31,151	100.00	31,958	100.00	34,235	100.00
	March	5,868	20.96	7,206	20.83	6,315	20.27	6,625	20.73	7,379	21.55
	June	6,784	24.23	8,104	23.42	7,608	24.42	7,962	24.91	8,339	24.36
	September	7,943	28.37	9,693	28.01	8,810	28.28	8,909	27.88	9,248	27.01
	December	7,370	26.33	9,533	27.54	8,373	26.88	8,402	26.29	9,165	26.77
	Unknown	28	.10	70	.20	45	.14	60	.19	104	.30
	Average.[a]	6,998	25.00	8,652	25.00	7,788	25.00	7,990	25.00	8,559	25.00
As Corrected for Omissions.	Totals	43,081	100.00	45,088	100.00	55,841	100.00	46,553	100.00	45,172	100.00
	March	10,517	24.41	10,314	22.88	13,707	24.55	11,074	23.79	10,840	24.00
	June	11,105	25.78	10,920	24.22	14,768	26.45	12,261	26.34	11,480	25.41
	September	11,722	27.21	12,201	27.06	15,019	26.90	12,494	26.84	11,858	26.25
	December	9,709	22.54	11,583	25.69	12,302	22.03	10,664	22.91	10,890	24.11
	Unknown	28	.06	70	.16	45	.08	60	.13	104	.23
	Average.[a]	10,770	25.00	11,272	25.00	13,960	25.00	11,638	25.00	11,293	25.00

[a] The number in unknown quarter of year included.

In Table II. the months are arranged in order, those having the greatest number of births first, for each of the years 1873–1876. The months of December, August, and September are among the first three in each year; and this table shows for the months what Table I. shows for the quarters of the year, viz., that the births were more evenly distributed throughout the several months of the year 1876 than was the case in previous years.

Exhibit 2, page 5, is a new one,—in this Report for the first time, and is planned to show the order of months by number of births when corrected so as to include all births that probably occurred. By comparing the exhibit with Table II. it will be seen that the order is not the same in every case as it is before the correction, and that the months have more nearly equal numbers after than before the correction.

TABLE II.—*Births during the Years 1873 to 1876, inclusive, according to the Returns, exhibiting the Number and Per Cent of Total, by Months arranged in Order by Number, Months having the greatest number first.*

Order.	1873.			1874.			1875.			1876.		
	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.
—	Total....	34,608	100.00	Total....	31,151	100.00	Total....	31,958	100.00	Total....	34,235	100.00
1	Sept.....	3,436	9.93	Aug.....	3,077	9.88	Aug.....	3,103	9.71	Dec.....	3,205	9.36
2	Dec.....	3,351	9.68	Sept.....	2,972	9.54	Sept.....	3,081	9.64	Aug.....	3,124	9.13
3	Aug.....	3,342	9.66	Dec.....	2,921	9.38	Dec.....	2,856	8.94	Sept.....	3,110	9.08
4	Oct.....	3,165	9.15	July.....	2,761	8.86	Oct.....	2,819	8.82	Oct.....	3,039	8.88
5	Nov.....	3,017	8.72	Oct.....	2,726	8.75	Nov.....	2,727	8.53	July.....	3,014	8.80
6	July.....	2,915	8.42	Nov.....	2,726	8.75	July.....	2,725	8.53	Nov.....	2,921	8.53
7	March....	2,847	8.23	May.....	2,586	8.30	May.....	2,722	8.52	May.....	2,870	8.38
8	May.....	2,794	8.07	June.....	2,558	8.21	April.....	2,710	8.48	March....	2,744	8.01
9	April.....	2,711	7.83	April.....	2,464	7.91	June.....	2,530	7.91	June.....	2,739	8.00
10	June.....	2,599	7.51	March....	2,462	7.90	March....	2,415	7.56	April.....	2,730	7.97
11	Feb.....	2,249	6.50	Feb.....	1,954	6.27	Feb.....	2,121	6.64	Feb.....	2,352	6.87
12	Jan.....	2,111	6.10	Jan.....	1,899	6.10	Jan.....	2,069	6.53	Jan.....	2,283	6.67
	Unk.....	70	.20	Unk.....	45	.14	Unk.....	60	.19	Unk.....	104	.30
	Aver'ge a	2,884	8.33	Aver'ge a	2,596	8.33	Aver'ge a	2,663	8.33	Aver'ge a	2,853	8.33

a Including unknown month.

OMISSIONS IN THE ENUMERATION.

It is well known to supervisors and assessors, especially those in parts of the State where there are frequent movements among inhabitants, as is the case in lumbering towns, that not all the births or deaths are returned. The compiler of these statistics compiled the "Statistics of Michigan, 1870," collected by the Ninth U. S. Census; and, in doing so, made careful comparisons of the statistics of births and deaths collected by the U. S. Marshals for the Census, with those collected, as are those compiled in this volume, by the supervisors and assessors. While for the Census the enumeration of births and deaths in the year ending June 1, 1870, was soon after their occurrence, the enumeration by the supervisors was not until some months after the close of the year in which they occurred. The comparisons showed that many more were reported by those who enumerated soon after the occurrence than by those officers who did not enumerate until after the lapse of a considerable time; and the omissions seemed to bear a direct relation to the length of time which had elapsed between the occurrence and the enumeration of the births or deaths. A system of correction was, therefore, planned to make the births and deaths returned equal the number which would probably have been returned if the enumeration and return had been made immediately after the occurrence of the births and deaths.

Although for some purposes it is not necessary to know the number of births, if only the facts stated relative to those returned are also correct as

regards all the births which occurred, yet for most purposes it is extremely desirable to have all the births returned; and though there is no known method of correcting the returns in relation to the essential facts in detail, the compiler is able to make a correction which is believed to approximate the actual total number of births, and the relative number in each month, much more closely than do the numbers compiled directly from the returns without such correction. Some of the details of this correction are shown in Exhibits A, B, C, D, and 3. Remarks on Exhibit 2 are printed on page 3.

EXHIBIT 2.—*Births during the Years 1871 to 1876, inclusive, as Corrected for Omissions in the Enumeration, exhibiting the Number and Per Cent of Total, by Months arranged in Order by Number, Months having the greatest number first.*

Order.	1871.			1872.			1873.			1874.			1875.			1876.		
	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.
	Total..	37,104	100.00	Total..	43,081	100.00	Total..	45,068	100.00	Total..	55,841	100.00	Total..	46,553	100.00	Total..	45,172	100.00
1	Aug....	3,511	9.46	Aug. ..	4,163	9.66	Dec....	4,236	9.40	Aug....	5,251	9.40	Aug. ..	4,357	9.36	Aug. ..	4,007	8.87
2	Sept. ..	3,378	9.10	Sept....	3,865	8.97	Sept. ..	4,231	9.38	March.	5,168	9.25	April..	4,292	9.22	July...	3,960	8.77
3	Oct. ...	3,219	8.68	March.	3,826	8.88	Aug....	4,212	9.34	May ...	5,022	8.99	May ...	4,189	9.00	May...	3,951	8.75
4	Dec....	3,202	8.63	April..	3,807	8.84	March.	4,000	8.87	April..	4,979	8.92	Sept. ..	4,183	9.00	March.	3,950	8.74
5	March.	3,175	8.56	May...	3,734	8.67	Oct....	3,806	8.44	July...	4,929	8.83	July...	3,949	8.48	Sept. ..	3,891	8.61
6	July...	3,096	8.35	July...	3,694	8.57	May ...	3,764	8.35	Sept. ..	4,839	8.67	March.	3,934	8.45	April..	3,844	8.51
7	May ...	3,094	8.34	June...	3,564	8.27	July...	3,758	8.34	June ..	4,767	8.54	June...	3,780	8.12	Dec....	3,708	8.21
8	April..	2,953	7.96	Feb....	3,411	7.92	April..	3,730	8.27	Jan....	4,284	7.67	Oct....	3,705	7.96	Oct....	3,707	8.21
9	Nov....	2,926	7.89	Oct....	3,330	7.73	Nov....	3,541	7.85	Feb....	4,255	7.62	Jan. ...	3,590	7.71	June...	3,685	8.16
10	Jan. ...	2,924	7.88	Jan....	3,280	7.61	June...	3,426	7.60	Oct....	4,224	7.56	Feb....	3,550	7.63	Nov....	3,475	7.69
11	June ..	2,789	7.52	Dec....	3,271	7.59	Feb....	3,225	7.15	Dec....	4,068	7.28	Dec....	3,497	7.51	Feb....	3,460	7.66
12	Feb....	2,769	7.46	Nov....	3,108	7.21	Jan....	3,089	6.85	Nov....	4,010	7.18	Nov....	3,462	7.44	Jan....	3,430	7.59
	Unk....	66	.18	Unk. ..	28	.06	Unk. ..	70	.16	Unk. ..	45	.08	Unk. ..	60	.13	Unk. ..	104	.23
	Av....[a]	3,092	8.33	Av....[a]	3,590	8.33	Av....[a]	3,757	8.33	Av....[a]	4,653	8.33	Av....[a]	3,879	8.33	Av....[a]	3,764	8.33

[a] Including births in unknown month.

EXHIBIT A.—*Births in Michigan during the Year 1876, as Returned, as Corrected for Omissions in the Enumeration, the same Equalized for Increase of Population during the Year covered by the Returns, and the Births as thus Corrected and Equalized for the several Months, Equalized for Months of a Uniform length of 30.44 days; also, indicating some of the steps by which these results have been reached. (Still-births and Children of unknown Sex included.)*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births as returned by Registration Officers	[a] 34,131	2,283	2,352	2,744	2,730	2,870	2,739	3,014	3,124	3,110	3,039	2,921	3,205
Per cent of births to be added for correction for time elapsing before enumeration	.....	50.23	47.09	43.95	40.81	37.67	34.53	31.39	28.25	25.11	21.97	18.83	15.69
Number of births to be added for above correction	10,937	1,147	1,108	1,206	1,114	1,081	946	946	883	781	668	554	503
Births, if enumerated in months of occurrence	45,068	3,430	3,460	3,950	3,844	3,951	3,685	3,960	4,007	3,891	3,707	3,475	3,708
Per cent of births to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Births to be added to equalize them to population at close of year	1,025	144	134	137	121	111	91	84	71	55	39	25	13
Births, as corrected, equalized to population at close of year	46,093	3,574	3,594	4,087	3,965	4,062	3,776	4,044	4,078	3,946	3,746	3,500	3,721
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+1.44	—.56	+.44	—.56	+.44	—.56	—.56	+.44	—.56	+.44	—.56
Number by which the births should be increased or diminished to equalize them to months of uniform length	—94	— 65	+ 178	— 74	+ 58	— 73	+ 55	— 73	— 74	+ 58	— 68	+ 51	— 67
Births, corrected and equalized, equalized to months of uniform length	45,999	3,509	3,772	4,013	4,023	3,989	3,831	3,971	4,004	4,004	3,678	3,551	3,654

[a] Excluding 104 in unknown month.

EXHIBIT B.—*Births of Males in Michigan during the Year 1876, as Returned, as Corrected for Omissions in the Enumeration, the same Equalized for Increase of Population during the Year covered by the Returns, and the Births as thus Corrected and Equalized for the several Months, Equalized for Months of 30.44 Days each.*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births of Males as returned by Registration Officers	[a] 17,698	1,149	1,243	1,448	1,441	1,471	1,409	1,532	1,592	1,619	1,595	1,532	1,667
Per cent of births to be added for correction for time elapsing before enumeration	.....	63.87	59.87	55.87	51.87	47.37	43.87	39.87	35.87	31.87	27.87	23.87	19.87
Number of births to be added for above correction	7,196	734	744	809	747	704	618	611	571	516	445	366	331
Births of Males if enumerated in months of occurrence	24,894	1,883	1,987	2,257	2,188	2,175	2,027	2,143	2,163	2,135	2,040	1,898	1,998
Per cent of births to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Births to be added to equalize them to population at close of year	570	79	77	79	69	61	50	45	38	30	22	13	7
Births of males, as corrected, equalized to population at close of year	25,464	1,962	2,064	2,336	2,257	2,236	2,077	2,188	2,201	2,165	2,062	1,911	2,005
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	−.56	+ 1.44	−.56	+ .44	−.56	+ .44	−.56	−.56	+ .44	−.56	+ .44	−.56
Number of births added or subtracted to equalize them to months of uniform length	−45	− 35	+ 102	−42	+ 33	−40	+ 30	−40	−40	+ 32	−37	+ 28	−36
Births of Males, corrected and equalized, equalized to months of uniform length	25,419	1,927	2,166	2,294	2,290	2,196	2,107	2,148	2,161	2,197	2,025	1,939	1,969

[a] Excluding 53 births in unknown month.

Comments on Exhibits A and B, and on the principle of their construction, are printed on pages 4–5.

EXHIBIT A.—*Births in Michigan during the Year 1876, as Returned, as Corrected for Omissions in the Enumeration, the same Equalized for Increase of Population during the Year covered by the Returns, and the Births as thus Corrected and Equalized for the several Months, Equalized for Months of a Uniform length of 30.44 days; also, indicating some of the steps by which these results have been reached. (Still-births and Children of unknown Sex included.)*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births as returned by Registration Officers	[a] 34,131	2,283	2,352	2,744	2,730	2,870	2,739	3,014	3,124	3,110	3,039	2,921	3,205
Per cent of births to be added for correction for time elapsing before enumeration	.....	50.23	47.09	43.95	40.81	37.67	34.53	31.39	28.25	25.11	21.97	18.83	15.69
Number of births to be added for above correction	10,937	1,147	1,108	1,206	1,114	1,081	946	946	883	781	668	554	503
Births, if enumerated in months of occurrence	45,068	3,430	3,460	3,950	3,844	3,951	3,685	3,960	4,007	3,891	3,707	3,475	3,708
Per cent of births to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Births to be added to equalize them to population at close of year	1,025	144	134	137	121	111	91	84	71	55	39	25	13
Births, as corrected, equalized to population at close of year	46,093	3,574	3,594	4,087	3,965	4,062	3,776	4,044	4,078	3,946	3,746	3,500	3,721
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+1.44	—.56	+.44	—.56	+.44	—.56	—.56	+.44	—.56	+.44	—.56
Number by which the births should be increased or diminished to equalize them to months of uniform length	—94	— 65	+ 178	— 74	+ 58	— 73	+ 55	— 73	— 74	+ 58	— 68	+ 51	— 67
Births, corrected and equalized, equalized to months of uniform length	45,999	3,509	3,772	4,013	4,023	3,989	3,831	3,971	4,004	4,004	3,678	3,551	3,654

[a] Excluding 104 in unknown month.

EXHIBIT B.—*Births of Males in Michigan during the Year 1876, as Returned, as Corrected for Omissions in the Enumeration, the same Equalized for Increase of Population during the Year covered by the Returns, and the Births as thus Corrected and Equalized for the several Months, Equalized for Months of 30.44 Days each.*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births of Males as returned by Registration Officers	[a] 17,698	1,149	1,243	1,448	1,441	1,471	1,409	1,532	1,592	1,619	1,595	1,532	1,667
Per cent of births to be added for correction for time elapsing before enumeration	.....	63.87	59.87	55.87	51.87	47.37	43.87	39.87	35.67	31.87	27.87	23.87	19.87
Number of births to be added for above correction	7,196	734	744	809	747	704	618	611	571	516	445	366	331
Births of Males if enumerated in months of occurrence	24,894	1,883	1,987	2,257	2,188	2,175	2,027	2,143	2,163	2,135	2,040	1,898	1,998
Per cent of births to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Births to be added to equalize them to population at close of year	570	79	77	79	69	61	50	45	38	30	22	13	7
Births of males, as corrected, equalized to population at close of year	25,464	1,962	2,064	2,336	2,257	2,236	2,077	2,188	2,201	2,165	2,062	1,911	2,005
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+ 1.44	—.56	+ .44	—.56	+ .44	—.56	—.56	+ .44	—.56	+ .44	—.56
Number of births added or subtracted to equalize them to months of uniform length	—45	— 35	+ 102	—42	+ 33	—40	+ 30	—40	—40	+ 32	—37	+ 28	—36
Births of Males, corrected and equalized, equalized to months of uniform length	25,419	1,927	2,166	2,294	2,290	2,196	2,107	2,148	2,161	2,197	2,025	1,939	1,969

[a] Excluding 53 births in unknown month.

Comments on Exhibits A and B, and on the principle of their construction, are printed on pages 4–5.

EXHIBIT C.—*Births of Females in Michigan during the Year 1876, as Returned, as Corrected for Omissions in the Enumeration, the same Equalized for increase of Population during the Year covered by the Returns, and the Births as thus Corrected and Equalized for the several Months, Equalized for Months of 30.44 Days each.*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births of Females as returned by Registration Officers	[a] 16,379	1,132	1,104	1,289	1,286	1,397	1,325	1,481	1,525	1,487	1,440	1,384	1,529
Per cent of births to be added for correction for time elapsing before enumeration	.....	36.16	33.90	31.64	29.38	27.12	24.86	22.60	20.34	18.08	15.82	13.56	11.30
Number of births to be added for above correction	3,780	409	374	408	378	379	329	335	310	269	228	188	173
Births of Females, if enumerated in months of occurrence	20,159	1,541	1,478	1,697	1,664	1,776	1,654	1,816	1,835	1,756	1,668	1,572	1,702
Per cent of births to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Births to be added to equalize them to population at close of year	456	65	57	60	53	50	41	38	32	25	18	11	6
Births of Females as corrected, equalized to population at close of year	20,615	1,606	1,535	1,757	1,717	1,826	1,695	1,854	1,867	1,781	1,686	1,583	1,708
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+1.44	—.56	+.44	—.56	+.44	—.56	—.56	+.44	—.56	+.44	—.56
Number of births to be added or subtracted to equalize them to months of uniform length	—47	— 29	+ 76	— 32	+ 25	— 33	+ 25	— 33	— 34	+ 26	— 30	+ 23	— 31
Births of Females, corrected and equalized, equalized to months of uniform length	20,568	1,577	1,611	1,725	1,742	1,793	1,720	1,821	1,833	1,807	1,656	1,606	1,677

[a] Excluding 49 births in unknown month.

EXHIBIT D.—*Births of Males and of Females in Michigan during the Year 1876, Corrected for Omissions in the Enumeration, and, as thus Corrected, Equalized to Months of uniform length; also, the total Births of both Sexes as thus Corrected and Equalized. (Births of Children of Unknown Sex not included.)*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births of Males, if enumerated in months of occurrence	[a] 24,894	1,883	1,967	2,257	2,188	2,175	2,027	2,143	2,163	2,135	2,040	1,898	1,998
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+ 1.44	—.56	+.44	—.56	+.44	—.56	—.56	+.44	—.56	+.44	—.56
Number of births added or subtracted to equalize them to months of uniform length	—45	—34	+99	—41	+32	—39	+30	—39	—39	+31	—37	+28	—36
Births of Males, corrected and equalized to months of uniform length	24,849	1,849	2,086	2,216	2,220	2,136	2,057	2,104	2,124	2,166	2,003	1,926	1,962
Births of Females, if enumerated in months of occurrence	[a] 20,159	1,541	1,478	1,697	1,664	1,776	1,654	1,816	1,835	1,756	1,668	1,572	1,702
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	—.56	+ 1.44	—.56	+.44	—.56	+.44	—.56	—.56	+.44	—.56	+.44	—.56
Number of births added or subtracted to equalize them to months of uniform length	—48	—28	+73	—31	+24	—32	+24	—33	—33	+26	—30	+23	—31
Births of Females, corrected and equalized to months of uniform length	20,111	1,513	1,551	1,666	1,688	1,744	1,678	1,783	1,802	1,782	1,638	1,595	1,671
Births of Males, corrected and equalized to months of uniform length	24,849	1,849	2,086	2,216	2,220	2,136	2,057	2,104	2,124	2,166	2,003	1,926	1,962
Births of Males and of Females, corrected and equalized to months of uniform length	44,960	3,362	3,637	3,882	3,908	3,880	3,735	3,887	3,926	3,948	3,641	3,521	3,633
Males to 100 Females, Births corrected and equalized to months of uniform length	124	122	134	133	132	122	123	118	118	122	122	121	117

[a] Excluding 53 births of males and 49 births of females in unknown month.

Comments on Exhibits C and D, and on the principle of their construction, are printed on pages 4–5.

EXHIBIT 3.—*Births in Michigan during the Year 1876, Corrected for Omissions in the Enumeration and Equalized for Months of a uniform length of 30.44 Days. (Still-births and Children of unknown Sex included.)*

	Total.	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Births, if enumerated in months of occurrence	[a] 45,068	3,430	3,460	3,950	3,844	3,951	3,685	3,960	4,007	3,891	3,707	3,475	3,708
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	−.56	+1.44	−.56	+.44	−.56	+.44	−.56	−.56	+.44	−.56	+.44	−.56
Number of births added or subtracted to equalize them to months of uniform length	−92	− 62	+ 172	− 71	+ 56	− 71	+ 54	− 72	− 72	+ 57	− 67	+ 51	− 67
Births, corrected and equalized to months of uniform length	44,976	3,368	3,632	3,879	3,900	3,880	3,739	3,888	3,935	3,948	3,640	3,526	3,641

[a] Excluding 104 births in unknown month.

The first line in Exhibit 3 will be understood if the reader remembers the facts commented upon on pages 4–5.

The number of conceptions is compared in Table III. with the number of marriages by months, and the table shows that, with four exceptions, there were more than the average number of marriages in those months in which there were more than the average number of conceptions. This comparison is made with the births and marriages as returned.

In Exhibit E, page 12, a comparison is shown after the births are corrected for omissions in the returns.

TABLE III.—*Exhibiting the Relation between the Births Returned as having occurred in Michigan during the Year 1876, and the Marriages solemnized in the Months of the Years 1875 and 1876, in which the Conceptions probably occurred. (Births and Marriages in unknown Month excluded.)*

Births for 1876, Equalized to Months of 30.44 Days each, in Order by Number, Greatest First.					Number of Marriages from April, 1875, to March, 1876, equalized to Months of 30.44 days each. [b]
Births. [a]			Conceptions.		
	Year and Months.	Number.	Months.	Year.	
Year		[a] 34,052			11,110
More than the Av. No. of Births.	September	3,156	December	1875	1,094
	December	3,147	March [c]	1876	821
	August	3,068	November	1875	1,103
	October	2,984	January [c]	1876	908
	November	2,964	February [c]	1876	880
	July	2,960	October	1875	1,131
Average		2,838			926
Less than the Av. No. of Births.	May	2,818	August	1875	742
	June	2,779	September [c]	1875	943
	April	2,770	July	1875	923
	March	2,695	June	1875	792
	February	2,469	May	1875	857
	January	2,242	April	1875	916

[a] Excluding 104 Births in unknown month, and 79 lost in equalizing, making this number 183 less than the number of births returned.
[b] Corrected, for additional returns, up to April 1, 1878.
[c] Exceptions to the statement that *more* than an average number of conceptions appear for months in which *more* than an average number of marriages were solemnized, and *less* than an average number of conceptions in months in which *less* than an average number of marriages were solemnized.

The comparisons shown in Table III. are commented upon in the remarks on page 10; and similar comparisons, made after the births have been corrected for omissions in the returns, are shown and commented upon in Exhibit E, and remarks, on page 12.

Exhibit E is similar in plan to Table III., except that it contains data concerning the births as corrected for omissions in enumerating, equalized to months of equal length. The exceptions in Exhibit E to the same proposition made in Table III. are, however, four in number,—the same number as shown in Table III., but they are in different months, except September.

EXHIBIT E.—*The Relation between the Births in Michigan during the Year 1876, Corrected for Omissions in the Enumeration, and the Marriages solemnized in the Months of the Years 1875 and 1876, in which the Conceptions probably occurred. (Births and Marriages in unknown Month excluded.)*

Births in 1876, Corrected as if Enumerated in Months of Occurrence, and Equalized to Months of Uniform Length, in Order by Number, Greatest First.					Number of Marriages from April, 1875, to March, 1876, equalized to Months of 30.44 Days each. [b]
	Births. [a]		Conceptions.		
	Year and Months.	Number.	Months.	Year.	
	Year	[a] 44,976			11,110
More than the Av. No. of Births.	September	3,948	December	1875	1,094
	August	3,935	November	1875	1,103
	April	3,900	July [c]	1875	923
	July	3,888	October	1875	1,131
	May	3,880	August [c]	1875	742
	March	3,879	June [c]	1875	792
	Average	3,748			926
Less than the Av. No. of Births.	June	3,739	September [c]	1875	943
	December	3,641	March	1876	821
	October	3,640	January	1876	908
	February	3,632	May	1875	857
	November	3,526	February	1876	880
	January	3,368	April	1875	916

[a] Unknown month excluded.
[b] Corrected, for additional returns, up to April 1, 1878.
[c] Exceptions to statement that *more* than an average number of conceptions appear for months in which *more* than an average number of marriages were solemnized, and *less* than an average number of conceptions in months in which *less* than an average number of marriages were solemnized.

TABLE IV.—*Exhibiting by Counties and by Sex, the Number of Children Returned as having been born in Michigan during the Year and in each Month of the Year ending December 31, 1876. (Still-births included.)*

STATE AND COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
State .....*	Total.....	34,235	2283	2352	2744	2730	2870	2739	3014	3124	3110	3039	2921	3205	104
	Males.....	17,751	1149	1243	1448	1441	1471	1409	1532	1592	1619	1595	1532	1667	53
	Females.....	16,428	1132	1104	1289	1286	1397	1325	1481	1525	1487	1440	1384	1529	49
	Unknown.....	56	2	5	7	3	2	5	1	7	4	4	5	9	2
	Excess of Males.	.....	----	----	----	----	----	----	----	----	----	----	----	----	----
Alcona	Total.....	15	1	1	2	3	1	1	2	----	----	----	2	2	----
	Males.....	8	----	1	2	1	1	----	1	----	----	----	1	1	----
	Females.....	7	1	----	----	2	----	1	1	----	----	----	1	1	----
Allegan.....	Total.....	795	47	48	78	77	57	65	65	80	75	72	56	75	----
	Males.....	411	26	31	39	37	22	38	37	41	32	39	31	38	----
	Females.....	384	21	17	39	40	35	27	28	39	43	33	25	37	----
Alpena.....	Total.....	181	11	17	14	20	15	21	16	17	17	9	13	11	----
	Males.....	94	6	10	4	10	9	7	8	7	10	8	7	8	----
	Females.....	87	5	7	10	10	6	14	8	10	7	1	6	3	----
Antrim.....	Total.....	75	3	2	5	4	4	7	10	10	10	5	6	9	----
	Males.....	46	1	1	3	2	2	6	5	6	6	4	3	7	----
	Females.....	28	2	1	2	2	2	1	4	4	4	1	3	2	----
	Unknown.....	1	----	----	----	----	----	----	1	----	----	----	----	----	----
Baraga.....	Total.....	66	4	5	7	6	9	6	3	5	3	7	5	6	----
	Males.....	38	3	1	4	4	5	3	----	4	2	3	4	5	----
	Females.....	28	1	4	3	2	4	3	3	1	1	4	1	1	----
Barry	Total.....	565	28	31	34	48	54	45	63	58	47	62	47	43	5
	Males.....	289	15	16	19	22	29	23	33	30	19	39	22	21	1
	Females.....	275	13	15	15	26	25	22	30	28	28	22	25	22	4
	Unknown.....	1	----	----	----	----	----	----	----	----	----	1	----	----	----
Bay	Total.....	890	82	53	61	63	73	59	84	92	71	89	67	96	----
	Males.....	466	39	32	25	39	40	35	49	38	37	47	40	45	----
	Females.....	424	43	21	36	24	33	24	35	54	34	42	27	51	----
Benzie.....	Total.....	71	5	4	2	6	4	8	9	6	7	8	6	6	----
	Males.....	35	3	2	2	4	4	4	3	----	5	5	2	1	----
	Females.....	36	2	2	----	2	----	4	6	6	2	3	4	5	----

* Except of counties and townships not represented by returns of births for 1876.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Berrien	Total	701	46	47	48	51	62	56	60	66	85	62	58	60	....
	Males	372	28	19	30	29	28	28	36	38	41	33	28	34	....
	Females	328	18	28	18	22	34	28	24	28	44	29	30	25	....
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	....
Branch	Total	566	28	44	41	36	48	38	47	58	60	47	59	60	....
	Males	299	13	21	23	16	24	21	26	29	36	26	34	30	....
	Females	265	15	23	18	20	24	17	21	29	24	21	25	28	....
	Unknown	2	....	....	....	....	....	....	....	....	....	....	....	2	....
Calhoun	Total	535	25	24	36	34	52	41	50	51	61	61	45	54	1
	Males	272	16	12	19	20	23	19	25	23	39	27	23	25	1
	Females	262	9	12	17	14	29	21	25	28	22	34	22	29	....
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	....
Cass	Total	382	28	15	27	26	29	37	38	37	43	28	31	43	....
	Males	188	12	9	15	15	15	11	16	16	23	18	13	25	....
	Females	193	16	6	12	11	14	26	22	20	20	10	18	18	....
	Unknown	1	....	....	....	....	....	....	....	1	....	....	....	....	....
Charlevoix	Total	82	4	5	15	5	11	3	8	6	6	8	8	3	....
	Males	41	2	1	9	2	6	3	2	2	4	5	4	1	....
	Females	41	2	4	6	3	5	....	6	4	2	3	4	2	....
Cheboygan[a]	Total	93	8	5	14	8	7	14	6	9	5	3	7	7	....
	Males	51	5	3	9	4	5	9	1	2	3	2	4	4	....
	Females	42	3	2	5	4	2	5	5	7	2	1	3	3	....
Chippewa[b]	Total	56	6	4	6	5	5	2	5	5	5	3	5	5	....
	Males	24	1	2	2	2	3	1	2	3	3	1	1	3	....
	Females	32	5	2	4	3	2	1	3	2	2	2	4	2	....
Clare	Total	49	3	5	1	2	4	4	6	6	5	4	8	1	....
	Males	25	1	2	....	1	2	2	3	3	4	2	4	1	....
	Females	24	2	3	1	1	2	2	3	3	1	2	4	....	....
Clinton	Total	546	32	24	56	42	43	57	54	48	57	41	44	48	....
	Males	297	20	14	33	25	24	30	29	26	34	17	23	22	....
	Females	249	12	10	23	17	19	27	25	22	23	24	21	26	....
Delta	Total	140	8	9	12	8	16	15	13	13	12	17	3	14	....
	Males	61	3	3	6	2	3	8	5	6	6	12	2	5	....
	Females	79	5	6	6	6	13	7	8	7	6	5	1	9	....

[a] No returns from township of Nunda.
[b] No returns from townships of Detour and Sugar Island.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Eaton	Total	694	41	51	47	50	56	47	53	77	76	64	70	61	1
	Males	368	21	23	24	33	29	24	25	45	41	35	33	35	....
	Females	326	20	28	23	17	27	23	28	32	35	29	37	26	1
Emmet	Total	88	7	10	7	15	3	8	1	9	1	7	13	7	....
	Males	50	2	5	4	12	1	6	....	4	1	3	8	4	....
	Females	37	5	5	2	3	2	2	1	5	....	4	5	3	....
	Unknown	1	....	....	1	....	....	....	....	....	....	....	....	....	....
Genesee	Total	620	41	53	38	55	45	45	55	64	59	55	49	61	....
	Males	319	21	27	18	21	23	23	27	30	34	26	33	36	....
	Females	300	20	26	20	34	22	22	28	34	25	28	16	25	....
	Unknown	1	....	....	....	....	....	....	....	....	....	1	....	....	....
Gladwin	Total	13	....	1	1	....	....	2	....	2	1	2	1	1	1
	Males	6	....	....	1	....	....	2	....	....	....	1	1	1	....
	Females	6	....	1	....	....	....	....	....	2	1	1	....	....	1
Grand Traverse	Total	146	4	9	13	11	18	13	15	17	13	10	14	9	....
	Males	81	2	5	5	6	10	8	10	9	7	5	8	6	....
	Females	65	2	4	8	5	8	5	5	8	6	5	6	3	....
Gratiot	Total	410	32	22	28	29	47	26	35	36	34	36	45	40	....
	Males	191	15	13	15	11	22	13	12	15	15	18	22	20	....
	Females	219	17	9	13	18	25	13	23	21	19	18	23	20	....
Hillsdale	Total	512	23	43	42	41	55	43	37	50	54	35	43	45	1
	Males	275	9	19	24	20	29	22	21	30	34	15	28	23	1
	Females	237	14	24	18	21	26	21	16	20	20	20	15	22	....
Houghton	Total	842	46	74	67	70	75	71	73	73	73	63	67	90	....
	Males	473	29	39	36	34	40	39	44	48	39	34	40	51	....
	Females	369	17	35	31	36	35	32	29	25	34	29	27	39	....
Huron	Total	516	22	35	50	56	55	42	40	42	44	48	44	37	1
	Males	242	12	19	26	27	31	17	15	22	21	18	20	14	....
	Females	273	10	16	24	29	24	25	25	20	23	30	24	22	1
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	....
Ingham	Total	601	35	36	43	48	49	60	52	58	60	46	57	56	1
	Males	308	21	24	21	28	21	24	26	30	32	25	30	26	....
	Females	292	14	12	22	20	28	35	26	28	28	21	27	30	1
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	....

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Berrien	Total	701	46	47	48	51	62	56	60	66	85	62	58	60	....
	Males	372	28	19	30	29	28	28	36	38	41	33	28	34	....
	Females	328	18	28	18	22	34	28	24	28	44	29	30	25	....
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	....
Branch	Total	566	28	44	41	36	48	38	47	58	60	47	59	60	....
	Males	299	13	21	23	16	24	21	26	29	36	26	34	30	....
	Females	265	15	23	18	20	24	17	21	29	24	21	25	28	....
	Unknown	2	....	....	....	....	....	....	....	....	....	....	....	2	....
Calhoun	Total	535	25	24	36	34	52	41	50	51	61	61	45	54	1
	Males	272	16	12	19	20	23	19	25	23	39	27	23	25	1
	Females	262	9	12	17	14	29	21	25	28	22	34	22	29	....
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	....
Cass	Total	382	28	15	27	26	29	37	38	37	43	28	31	43	....
	Males	188	12	9	15	15	15	11	16	16	23	18	13	25	....
	Females	193	16	6	12	11	14	26	22	20	20	10	18	18	....
	Unknown	1	....	....	....	....	....	....	....	1	....	....	....	....	....
Charlevoix	Total	82	4	5	15	5	11	3	8	6	6	8	8	3	....
	Males	41	2	1	9	2	6	3	2	2	4	5	4	1	....
	Females	41	2	4	6	3	5	....	6	4	2	3	4	2	....
Cheboygan[a]	Total	93	8	5	14	8	7	14	6	9	5	3	7	7	....
	Males	51	5	3	9	4	5	9	1	2	3	2	4	4	....
	Females	42	3	2	5	4	2	5	5	7	2	1	3	3	....
Chippewa[b]	Total	56	6	4	6	5	5	2	5	5	5	3	5	5	....
	Males	24	1	2	2	2	3	1	2	3	3	1	1	3	....
	Females	32	5	2	4	3	2	1	3	2	2	2	4	2	....
Clare	Total	49	3	5	1	2	4	4	6	6	5	4	8	1	....
	Males	25	1	2	....	1	2	2	3	3	4	2	4	1	....
	Females	24	2	3	1	1	2	2	3	3	1	2	4	....	....
Clinton	Total	546	32	24	56	42	43	57	54	48	57	41	44	48	....
	Males	297	20	14	33	25	24	30	29	26	34	17	23	22	....
	Females	249	12	10	23	17	19	27	25	22	23	24	21	26	....
Delta	Total	140	8	9	12	8	16	15	13	13	12	17	3	14	....
	Males	61	3	3	6	2	3	8	5	6	6	12	2	5	....
	Females	79	5	6	6	6	13	7	8	7	6	5	1	9	....

[a] No returns from township of Nunda.
[b] No returns from townships of Detour and Sugar Island.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Eaton	Total	694	41	51	47	50	56	47	53	77	76	64	70	61	1
	Males	368	21	23	24	33	29	24	25	45	41	35	33	35	....
	Females	326	20	28	23	17	27	23	28	32	35	29	37	26	1
Emmet	Total	88	7	10	7	15	3	8	1	9	1	7	13	7	....
	Males	50	2	5	4	12	1	6	....	4	1	3	8	4	....
	Females	37	5	5	2	3	2	2	1	5	....	4	5	3	....
	Unknown	1	....	....	1	....	....	....	....	....	....	....	....	....	....
Genesee	Total	620	41	53	38	55	45	45	55	64	59	55	49	61	....
	Males	319	21	27	18	21	23	23	27	30	34	26	33	36	....
	Females	300	20	26	20	34	22	22	28	34	25	28	16	25	....
	Unknown	1	....	....	....	....	....	....	....	....	....	1	....	....	....
Gladwin	Total	12	....	1	1	....	....	2	....	2	1	2	1	1	1
	Males	6	....	....	1	....	....	2	....	....	....	1	1	1	....
	Females	6	....	1	....	....	....	....	....	2	1	1	....	....	1
Grand Traverse	Total	146	4	9	13	11	18	13	15	17	13	10	14	9	....
	Males	81	2	5	5	6	10	8	10	9	7	5	8	6	....
	Females	65	2	4	8	5	8	5	5	8	6	5	6	3	....
Gratiot	Total	410	32	22	28	29	47	26	35	36	34	36	45	40	....
	Males	191	15	13	15	11	22	13	12	15	15	18	22	20	....
	Females	219	17	9	13	18	25	13	23	21	19	18	23	20	....
Hillsdale	Total	512	23	43	42	41	55	43	37	50	54	35	43	45	1
	Males	275	9	19	24	20	29	22	21	30	34	15	28	23	1
	Females	237	14	24	18	21	26	21	16	20	20	20	15	22	....
Houghton	Total	842	46	74	67	70	75	71	73	73	73	63	67	90	....
	Males	473	29	39	36	34	40	39	44	48	39	34	40	51	....
	Females	369	17	35	31	36	35	32	29	25	34	29	27	39	....
Huron	Total	516	22	35	50	56	55	42	40	42	44	48	44	37	1
	Males	242	12	19	26	27	31	17	15	22	21	18	20	14	....
	Females	273	10	16	24	29	24	25	25	20	23	30	24	23	1
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	....
Ingham	Total	601	35	36	43	48	49	60	52	58	60	46	57	56	1
	Males	308	21	24	21	28	21	24	26	30	32	25	30	26	....
	Females	292	14	12	22	20	28	35	26	28	28	21	27	30	1
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	....

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Ionia[a]	Total	665	41	40	43	50	74	66	70	70	61	48	57	45	....
	Males	375	21	23	30	29	47	39	35	37	33	28	28	25	....
	Females	287	20	17	13	21	27	27	35	30	28	20	29	20	....
	Unknown	3	....	....	....	....	....	....	....	3	....	....	....	....	....
Iosco	Total	103	4	5	10	10	13	16	7	10	5	10	1	12	....
	Males	67	3	5	4	8	11	10	7	6	4	5	1	3	....
	Females	36	1	....	6	2	2	6	....	4	1	5	....	9	....
Isabella	Total	198	10	19	20	18	20	13	25	14	17	14	12	16	....
	Males	103	3	13	14	10	11	8	14	4	5	9	3	9	....
	Females	94	7	6	5	8	9	5	11	10	12	5	9	7	....
	Unknown	1	....	....	1	....	....	....	....	....	....	....	....	....	....
Isle Royal	Total	7	1	....	....	1	....	....	1	2	....	2	....	....	....
	Males	3	....	....	....	....	....	....	1	....	....	2	....	....	....
	Females	4	1	....	....	1	....	....	....	2	....	....	....	....	....
Jackson	Total	766	56	56	70	51	68	56	65	69	82	73	55	65	....
	Males	400	30	28	40	29	35	25	29	38	39	41	32	34	....
	Females	366	26	28	30	22	33	31	36	31	43	32	23	31	....
Kalamazoo	Total	620	37	32	48	56	55	51	60	61	53	62	58	47	....
	Males	294	16	12	28	36	20	19	25	24	30	28	32	24	....
	Females	326	21	20	20	20	35	32	35	37	23	34	26	23	....
Kalkaska[b]	Total	55	1	5	3	4	3	5	12	7	7	4	2	2	....
	Males	25	....	4	2	3	1	2	5	3	2	1	2	....	....
	Females	30	1	1	1	1	2	3	7	4	5	3	....	2	....
Kent	Total	1,759	129	116	143	127	150	132	158	170	158	144	160	170	2
	Males	917	62	67	81	69	66	75	84	101	82	79	68	81	2
	Females	836	66	49	62	57	84	55	74	69	76	65	90	89	....
	Unknown	6	1	....	....	1	....	2	....	....	....	....	2	....	....
Keweenaw	Total	285	25	27	22	15	32	29	24	23	28	23	17	20	....
	Males	145	9	14	10	8	18	15	11	13	22	8	8	9	....
	Females	137	16	11	12	7	14	14	13	10	5	15	9	11	....
	Unknown	3	....	2	....	....	....	....	....	....	1	....	....	....	....
Lake	Total	73	12	4	5	4	12	3	5	5	6	7	3	7	....
	Males	32	5	3	1	2	5	1	3	3	4	....	1	4	....
	Females	41	7	1	4	2	7	2	2	2	2	7	2	3	....

[a] No returns from the township of North Plains.
[b] No returns from the townships of South Branch and Springfield.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Lapeer	Total	545	29	33	34	54	55	39	38	50	57	56	45	53	2
	Males	288	10	17	15	32	32	18	19	27	28	35	24	30	1
	Females	257	19	16	19	22	23	21	19	23	29	21	21	23	1
Leelanaw	Total	160	5	14	15	13	13	16	14	13	20	13	17	7	....
	Males	85	2	7	7	8	8	9	8	4	13	6	8	5	....
	Females	75	3	7	8	5	5	7	6	9	7	7	9	2	....
Lenawee	Total	809	48	57	60	74	75	59	71	65	80	81	63	76	....
	Males	398	27	31	29	37	36	22	31	30	38	38	24	55	....
	Females	411	21	26	31	37	39	37	40	35	42	43	39	21	....
Livingston	Total	444	23	29	25	26	47	40	46	48	40	40	46	33	1
	Males	233	12	13	14	13	25	28	21	28	14	21	23	20	1
	Females	210	11	16	11	13	22	12	25	19	26	19	23	13	....
	Unknown	1	....	....	....	....	....	....	....	1	....	....	....	....	....
Mackinac	Total	55	1	2	8	6	3	6	6	8	3	4	6	2	....
	Males	28	....	....	4	2	1	4	5	2	2	2	5	1	....
	Females	27	1	2	4	4	2	2	1	6	1	2	1	1	....
Macomb	Total	702	44	50	63	61	53	57	48	57	65	71	69	64	....
	Males	356	20	26	31	31	31	32	23	23	33	35	35	36	....
	Females	346	24	24	32	30	22	25	25	34	32	36	34	28	....
Manistee	Total	325	16	22	33	30	30	28	28	29	27	20	32	28	2
	Males	198	13	14	28	14	19	13	17	19	14	15	18	13	1
	Females	127	3	8	5	16	11	15	11	10	13	5	14	15	1
Manitou [a]	Total	39	1	5	2	5	3	5	4	2	5	3	4	....	....
	Males	22	....	3	....	4	....	4	4	....	3	2	2	....	....
	Females	17	1	2	2	1	3	1	....	2	2	1	2	....	....
Marquette	Total	898	76	65	91	94	76	69	80	54	78	80	70	65	....
	Males	451	39	33	52	43	42	41	32	30	36	38	30	35	....
	Females	447	37	32	39	51	34	28	48	24	42	42	40	30	....
Mason	Total	192	11	14	11	14	15	20	21	20	10	14	19	21	2
	Males	100	5	6	6	8	5	10	12	13	6	7	12	8	2
	Females	92	6	8	5	6	10	10	9	7	4	7	7	13	....
Mecosta	Total	230	11	6	17	14	20	23	31	23	17	27	19	22	....
	Males	118	3	4	12	10	11	11	14	10	8	10	13	12	....
	Females	112	8	2	5	4	9	12	17	13	9	17	6	10	....

[a] No returns from township of South Manitou.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Menominee	Total	48	3	5	....	6	6	5	4	1	3	5	4	4	2
	Males	21	3	3	....	3	2	2	1	....	....	3	1	3	....
	Females	25	....	2	....	3	4	3	3	1	3	2	3	1	....
	Unknown	2	....	....	....	....	....	....	....	....	....	....	....	....	2
Midland	Total	114	9	8	10	6	12	9	9	15	10	5	11	10	....
	Males	60	6	4	4	4	7	7	6	6	4	2	7	3	....
	Females	54	3	4	6	2	5	2	3	9	6	3	4	7	....
Missaukee	Total	24	1	1	2	2	....	1	3	3	1	4	1	5	....
	Males	11	....	....	1	1	....	....	1	1	....	4	....	3	....
	Females	13	1	1	1	1	....	1	2	2	1	....	1	2	....
Monroe [a]	Total	703	45	41	62	49	68	56	48	61	72	59	68	72	2
	Males	365	25	19	30	20	41	35	27	26	38	31	40	31	2
	Females	337	20	22	31	29	27	21	21	35	34	28	28	41	....
	Unknown	1	....	....	1	....	....	....	....	....	....	....	....	....	....
Montcalm [b]	Total	498	26	26	34	33	39	47	60	54	45	47	45	41	1
	Males	242	17	10	17	18	14	23	27	28	23	24	19	21	1
	Females	256	9	16	17	15	25	24	33	26	22	23	26	20	....
Muskegon [c]	Total	430	41	41	36	35	26	20	53	39	31	39	31	38	....
	Males	228	18	22	17	19	13	11	30	26	20	21	16	15	....
	Females	202	23	19	19	16	13	9	23	13	11	18	15	23	....
Newaygo [d]	Total	197	20	14	23	15	23	15	17	11	17	15	12	15	....
	Males	96	11	7	10	4	8	11	6	7	6	8	7	11	....
	Females	100	9	7	13	10	15	4	11	4	11	7	5	4	....
	Unknown	1	....	....	....	1	....	....	....	....	....	....	....	....	....
Oakland [e]	Total	596	44	45	49	51	53	41	51	59	45	49	49	60	....
	Males	302	22	28	25	22	31	11	29	32	23	31	25	23	....
	Females	292	22	17	22	29	22	30	22	27	22	18	24	37	....
	Unknown	2	....	....	2	....	....	....	....	....	....	....	....	....	....
Oceana	Total	254	11	16	15	18	19	31	20	26	22	24	18	27	7
	Males	126	2	11	7	9	8	15	13	14	11	13	8	11	4
	Females	128	9	5	8	9	11	16	7	12	11	11	10	16	3
Ogemaw [f]	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] No returns from township of Berlin.
[b] No returns from township of Home.
[c] No returns from townships of Cedar Creek, Dalton, Eggleston, Fruitport, Montague, Moorland, Norton, and Ravenna.
[d] No returns from townships of Beaver and Brooks.
[e] No returns from township of Holly.
[f] No returns from township of Edwards, and no births in the townships of Churchill, Ogemaw, and Rose.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Ontonagon	Total	75	10	4	9	8	4	2	6	4	6	7	8	7	....
	Males	40	6	....	7	5	2	....	2	3	4	1	4	6	....
	Females	35	4	4	2	3	2	2	4	1	2	6	4	1	....
Osceola	Total	214	24	14	18	16	22	12	23	24	22	13	11	15	....
	Males	107	13	6	13	7	11	7	10	10	13	6	5	6	....
	Females	107	11	8	5	9	11	5	13	14	9	7	6	9	....
Otsego [a]	Total	15	....	....	....	1	2	1	....	1	1	2	2	5	....
	Males	1	....	....	....	....	....	1	....	....	....	....	....	....	....
	Females	14	....	....	....	1	2	....	....	1	1	2	2	5	....
Ottawa	Total	906	63	57	85	85	59	84	72	81	89	79	76	74	....
	Males	479	34	31	47	50	36	39	39	35	48	40	41	39	....
	Females	427	31	26	38	35	23	45	33	46	41	39	35	35	....
Presque Isle	Total	65	3	7	2	5	6	5	6	8	3	5	7	8	....
	Males	38	2	3	1	2	4	4	4	4	1	3	5	5	....
	Females	27	1	4	1	3	2	1	2	4	2	2	2	3	....
Roscommon	Total	3	....	....	....	....	....	....	2	....	....	1	....	....	....
	Males	2	....	....	....	....	....	....	2	....	....	....	....	....	....
	Females	1	....	....	....	....	....	....	....	....	....	1	....	....	....
Saginaw	Total	1,375	95	102	117	134	126	109	129	120	128	116	80	117	2
	Males	713	48	53	61	81	68	51	66	69	63	58	38	55	2
	Females	648	47	48	55	53	56	57	63	50	64	56	39	60	....
	Unknown	14	....	1	1	....	2	1	....	1	1	2	3	2	....
Sanilac	Total	575	23	38	34	53	41	49	64	47	54	68	45	59	....
	Males	292	13	18	14	28	26	20	30	25	21	34	30	33	....
	Females	283	10	20	20	25	15	29	34	22	33	34	15	26	....
Schoolcraft [b]	Total	6	....	1	1	1	....	....	....	1	....	1	1	....	....
	Males	2	....	....	1	....	....	....	....	....	....	....	1	....	....
	Females	4	....	1	....	1	....	....	....	1	....	1	....	....	....
Shiawassee	Total	473	28	31	34	38	31	45	44	37	36	43	55	51	....
	Males	259	12	17	17	21	14	21	26	14	24	25	32	36	....
	Females	214	16	14	17	17	17	24	18	23	12	18	23	15	....
St. Clair	Total	1,093	62	78	85	74	93	105	73	113	93	119	86	109	3
	Males	549	35	40	44	37	49	51	34	53	48	63	36	59	....
	Females	541	27	38	41	37	44	54	39	59	45	56	50	48	3
	Unknown	3	....	....	....	....	....	....	....	1	....	....	....	2	....

[a] No returns from townships of Charlton and Hayes.
[b] No returns from townships of Manistique and Onota.

TABLE IV.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
St. Joseph	Total	542	40	29	43	32	49	45	53	62	46	38	54	51	....
	Males	272	17	9	20	18	27	26	26	32	26	19	29	23	....
	Females	270	23	20	23	14	22	19	27	30	20	19	25	28	....
Tuscola	Total	490	36	35	34	40	46	54	41	57	26	43	36	42	....
	Males	253	19	19	20	24	25	23	22	30	11	20	15	25	....
	Females	237	17	16	14	16	21	31	19	27	15	23	21	17	....
Van Buren	Total	582	29	51	46	43	36	39	52	63	60	53	53	57	....
	Males	285	11	30	21	22	15	21	25	33	32	24	27	24	....
	Females	297	18	21	25	21	21	18	27	30	28	29	26	33	....
Washtenaw	Total	653	31	37	54	43	50	61	52	53	63	59	71	77	2
	Males	345	15	22	27	20	20	31	25	28	33	39	42	41	2
	Females	308	16	15	27	23	30	30	27	25	30	20	29	36	....
Wayne	Total	5,009	431	385	428	379	334	319	403	379	425	449	460	552	65
	Males	2,636	211	209	216	194	169	180	210	187	223	245	265	295	32
	Females	2,365	219	174	211	184	165	139	193	192	200	204	195	256	33
	Unknown	8	1	2	1	1	....	....	....	....	2	....	....	1	....
Wexford[a]	Total	116	5	8	5	17	11	15	15	10	9	8	9	4	....
	Males	59	3	5	2	9	6	7	10	7	3	3	1	3	....
	Females	57	2	3	3	8	5	8	5	3	6	5	8	1	....

[a] No returns from township of Harring, and 1st Ward of city of Cadillac.

BIRTHS BY RACE OR COLOR, INFLUENCE UPON SEX, ETC.

Table V. is published to place the facts upon record, but it is not available for the most satisfactory immediate study, because the population cannot be ascertained by color of inhabitants for any year since 1870, which year is too far away from 1876 to be of much value for purposes of studying the birth-rate based upon the births in 1876 and the population in 1870. The State Census of 1874 does not furnish statistics of the color of inhabitants. The plan of the law for the State Census might be very much improved.

Table VI. is valuable in that it contains data concerning the birth-rate, by county, by sex, based upon the births in 1876 and the population in 1874, according to the State Census for that year. Bearing upon the question of the influence of the increase or decrease of the birth-rate upon the sex of the children born, propositions concerning the birth-rate and the sex of children may be made as follows: 1, greater than average birth-rate, coincident with more than the average proportion of males; 2, greater than average birth-rate, coincident with less than the average proportion of males; 3, less than average birth-rate, coincident with less than the average proportion of males; 4, less than average birth-rate, coincident with more than the average proportion of males. For two counties there is no statement, and in the remaining 74 counties of the State, the first proposition is true of 18 counties, the second

proposition is true of 24 counties, the third is true of 16 counties, and the fourth is true of 16 counties. The proposition that a *greater* than average birth-rate is attended with *less* than average proportion of males, and *less* than average birth-rate is attended with *greater* than average proportion of males, holds true in 34 out of 67 counties in 1871, 37 out of 68 counties in 1872, 26 out 69 counties in 1873, 33 out of 68 counties in 1874, 36 out of 72 counties in 1875, and in 40 out of 74 counties in 1876.

Besides the data relative to the birth-rate by counties, the proportion of the sexes in the children born, etc., Table VI. permits a study of the distribution by counties of the children by color.

TABLE V.—*Exhibiting, by Color and by Sex, the Number of Children returned as having been born in Michigan during the Year 1876, and the Per Cent of Children of each Sex to the Total Number of both Sexes. (Still-Births included.)*

COLOR OR RACE.	SEX.	Children Born in 1876.	Per Cent of each Sex to Children of both Sexes.
All Colors	Total	34,235	----------
	Males	17,751	51.94
	Females	16,428	48.06
	Unknown	56	----------
White	Total	33,713	----------
	Males	17,493	51.95
	Females	16,179	48.05
	Unknown	41	----------
Black	Total	140	----------
	Males	67	48.20
	Females	72	51.80
	Unknown	1	----------
Mulatto	Total	88	----------
	Males	45	51.14
	Females	43	48.86
Indian	Total	141	----------
	Males	79	56.03
	Females	62	43.97
Unknown color	Total	153	----------
	Males	67	48.20
	Females	72	51.80
	Unknown	14	----------
Black and Mulatto	Total	228	----------
	Males	112	49.34
	Females	115	50.66
	Unknown	1	----------

TABLE VI.—*Exhibiting for the State and Counties of Michigan, by Sex, the Population in 1874, the Per Cent of Births in 1876 to Population in 1874, the Number of Males to 100 Females born during the Year 1876, and by Sex and Color the Number of Children born during the Year ending December 31, 1876. (Still-births included.)*

STATE AND COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN BORN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
State..... [a]	108	Total.....	.....	1,320,173	2.57	34,235	33,713	[b] 140	[c] 88	[d] 141	153
		Males.....	51.94	689,717	2.61	17,751	17,493	67	45	79	67
		Females..	48.06	630,456	2.59	16,428	16,179	72	43	62	72
		Unknown	.....	.....	.....	56	41	1	.....	.....	14
Alcona.....	114	Total.....	.....	1,214	1.24	15	15	.....	.....	.....	.....
		Males.....	53.33	688	1.16	8	8	.....	.....	.....	.....
		Females..	46.67	526	1.33	7	7	.....	.....	.....	.....
Allegan.....	107	Total.....	.....	32,381	2.46	795	787	1	7	.....	.....
		Males.....	51.70	16,976	2.42	411	406	.....	5	.....	.....
		Females..	48.30	15,405	2.49	384	381	1	2	.....	.....
Alpena.....	108	Total.....	.....	4,807	3.77	181	181	.....	.....	.....	.....
		Males.....	51.93	2,808	3.35	94	94	.....	.....	.....	.....
		Females..	48.07	1,999	4.35	87	87	.....	.....	.....	.....
Antrim.....	164	Total.....	.....	3,002	2.50	75	71	.....	.....	3	1
		Males.....	62.16	1,654	2.78	46	44	.....	.....	2	.....
		Females..	37.84	1,348	2.08	28	27	.....	.....	1	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Baraga..... [e]	136	Total.....	.....	[e]	[e]	66	52	.....	.....	[f] 14	.....
		Males.....	57.58	.....	.....	33	31	.....	.....	7	.....
		Females..	42.42	.....	.....	23	21	.....	.....	7	.....
Barry.....	105	Total.....	.....	22,051	2.56	565	564	1	.....	.....	.....
		Males.....	51.24	11,588	2.49	289	288	1	.....	.....	.....
		Females..	48.76	10,463	2.63	275	275	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Bay	110	Total.....	.....	24,832	3.58	890	884	1	.....	5	.....
		Males.....	52.36	13,657	3.41	466	463	.....	.....	3	.....
		Females..	47.64	11,175	3.79	424	421	1	.....	2	.....

[a] For counties and townships from which no returns of Births were received, see Table XXI.
[b] 2 males and 5 females, "Colored."
[c] 1 male "Quadroon."
[d] 14 males and 12 females White and Indian; 1 female "One-fourth Indian," and 1 female "Half breed."
[e] Population of Baraga county cannot be ascertained. It was compiled with Houghton.
[f] 3 males White and Indian.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN BORN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
Benzie	97	Total	.....	2,663	2.67	71	71	.....	.....	.....	.....
		Males	49.30	1,422	2.46	35	35	.....	.....	.....	.....
		Females	50.70	1,241	2.90	36	36	.....	.....	.....	.....
Berrien	113	Total	.....	35,029	2.00	701	691	2	8	.....	.....
		Males	53.14	17,942	2.07	372	367	.....	5	.....	.....
		Females	46.86	17,087	1.92	328	323	2	3	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Branch	113	Total	.....	25,726	2.20	566	565	1	.....	.....	.....
		Males	53.01	13,041	2.29	299	298	1	.....	.....	.....
		Females	46.99	12,685	2.09	265	265	.....	.....	.....	.....
		Unknown	.....	.....	.....	2	2	.....	.....	.....	.....
Calhoun	104	Total	.....	35,655	1.50	535	530	.....	.....	2	3
		Males	50.94	18,156	1.50	272	269	.....	.....	2	1
		Females	49.06	17,499	1.50	262	261	.....	.....	.....	1
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Cass	97	Total	.....	20,525	1.86	382	358	6	18	.....	.....
		Males	49.34	10,592	1.77	188	174	3	11	.....	.....
		Females	50.66	9,933	1.94	193	183	3	7	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Charlevoix	100	Total	.....	2,360	3.47	82	74	.....	2	6	.....
		Males	50.00	1,280	3.20	41	38	.....	.....	3	.....
		Females	50.00	1,080	3.80	41	36	.....	2	3	.....
Cheboygan [a]	121	Total	.....	3,070	3.03	93	85	1	1	6	.....
		Males	54.84	1,706	2.99	51	45	1	.....	5	.....
		Females	45.16	1,364	3.08	42	40	.....	1	1	.....
Chippewa [a]	75	Total	.....	1,617	3.46	56	36	.....	.....	[b] 20	.....
		Males	42.86	918	2.61	24	14	.....	.....	10	.....
		Females	57.14	699	4.58	32	22	.....	.....	10	.....
Clare	104	Total	.....	1,354	3.62	49	49	.....	.....	.....	.....
		Males	51.02	745	3.35	25	25	.....	.....	.....	.....
		Females	48.98	609	3.94	24	24	.....	.....	.....	.....
Clinton	119	Total	.....	23,661	2.31	546	545	.....	.....	.....	.....
		Males	54.40	12,162	2.44	297	297	.....	.....	.....	.....
		Females	45.60	11,499	2.17	249	248	1	.....	.....	.....

[a] For townships not represented by returns of births, see Table XXI.
[b] 10 males and 10 females White and Indian.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
Delta	77	Total	.....	4,741	2.95	140	139	.....	.....	[a] 1	.....
		Males	43.57	2,882	2.12	61	61	.....	.....	.....	.....
		Females	56.43	1,859	4.25	79	78	.....	.....	1	.....
Eaton	113	Total	.....	26,907	2.58	694	693	.....	1	.....	.....
		Males	53.03	13,875	2.65	368	368	.....	.....	.....	.....
		Females	46.97	13,032	2.50	326	325	.....	1	.....	.....
Emmet	135	Total	.....	1,272	6.92	88	54	.....	.....	[b] 33	1
		Males	57.47	669	7.47	50	31	.....	.....	19	.....
		Females	42.53	603	6.14	37	23	.....	.....	14	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Genesee	106	Total	.....	34,568	1.79	620	616	3	.....	.....	1
		Males	51.53	17,536	1.82	319	318	1	.....	.....	.....
		Females	48.47	17,032	1.76	300	298	2	.....	.....	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Gladwin	100	Total	.....	265	4.53	12	12	.....	.....	.....	.....
		Males	50.00	145	4.14	6	6	.....	.....	.....	.....
		Females	50.00	120	5.00	6	6	.....	.....	.....	.....
Gr. Traverse	125	Total	.....	5,349	2.73	146	146	.....	.....	.....	.....
		Males	55.48	2,801	2.89	81	81	.....	.....	.....	.....
		Females	44.52	2,548	2.55	65	65	.....	.....	.....	.....
Gratiot	87	Total	.....	13,886	2.96	410	410	.....	.....	.....	.....
		Males	46.59	7,304	2.61	191	191	.....	.....	.....	.....
		Females	53.41	6,582	3.33	219	219	.....	.....	.....	.....
Hillsdale	116	Total	.....	31,566	1.62	512	490	.....	.....	.....	22
		Males	53.71	15,971	1.72	275	270	.....	.....	.....	5
		Females	46.29	15,595	1.52	237	220	.....	.....	.....	17
Houghton	128	Total	.....	19,030	4.42	842	840	.....	2	.....	.....
		Males	56.18	11,013	4.29	473	472	.....	1	.....	.....
		Females	43.82	8,017	4.60	369	368	.....	1	.....	.....
Huron	89	Total	.....	11,964	4.31	516	516	.....	.....	.....	.....
		Males	46.99	6,614	3.66	242	242	.....	.....	.....	.....
		Females	53.01	5,350	5.10	273	273	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....

[a] 1 female "Half-breed."
[b] 1 female White and Indian.
[c] Includes the population of Baraga county which cannot be ascertained.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
Ingham	105	Total	.....	29,193	2.06	601	599	[a] 1	1	.....	.....
		Males	51.33	15,204	2.03	308	307	1	.....	.....	.....
		Females	48.67	13,989	2.09	292	291	.....	1	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Ionia [b]	131	Total	.....	26,573	2.50	665	662	2	1	.....	.....
		Males	56.65	13,840	2.71	375	374	1	.....	.....	.....
		Females	43.35	12,733	2.25	287	285	1	1	.....	.....
		Unknown	.....	.....	.....	3	3	.....	.....	.....	.....
Iosco	186	Total	.....	4,575	2.25	103	103	.....	.....	.....	.....
		Males	65.05	2,706	2.48	67	67	.....	.....	.....	.....
		Females	34.95	1,869	1.93	36	36	.....	.....	.....	.....
Isabella	110	Total	.....	6,059	3.27	198	174	.....	.....	24	.....
		Males	52.28	3,273	3.15	103	90	.....	.....	13	.....
		Females	47.72	2,786	3.37	94	83	.....	.....	11	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Isle Royal	75	Total	.....	[a]	14.50	7	7	.....	.....	.....	.....
		Males	42.86	4	75.00	3	3	.....	.....	.....	.....
		Females	57.14	.....	.....	4	4	.....	.....	.....	.....
Jackson	109	Total	.....	37,988	2.02	766	761	4	1	.....	.....
		Males	52.22	19,853	2.01	400	396	3	1	.....	.....
		Females	47.78	18,135	2.02	366	365	1	.....	.....	.....
Kalamazoo	90	Total	.....	32,284	1.92	620	601	16	2	.....	1
		Males	47.42	16,583	1.77	294	289	5	.....	.....	.....
		Females	52.58	15,701	2.06	326	312	11	2	.....	1
Kalkaska [b]	83	Total	.....	1,090	5.05	55	55	.....	.....	.....	.....
		Males	45.45	602	4.15	25	25	.....	.....	.....	.....
		Females	54.55	488	6.15	30	30	.....	.....	.....	.....
Kent	110	Total	.....	62,671	2.81	1,759	1,745	2	7	.....	5
		Males	52.31	32,576	2.81	917	911	1	5	.....	.....
		Females	47.69	30,095	2.78	836	833	.....	2	.....	1
		Unknown	.....	.....	.....	6	1	1	.....	.....	4
Keweenaw	106	Total	.....	5,411	5.27	285	240	.....	.....	.....	45
		Males	51.42	3,233	4.48	145	119	.....	.....	.....	26
		Females	48.58	2,178	6.29	137	118	.....	.....	.....	19
		Unknown	.....	.....	.....	3	3	.....	.....	.....	.....

[a] 1 male "Colored."
[b] For townships not represented by returns of births, see Table XXI.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
		Total.....	.....	1,813	4.03	73	73	.....	.....	.....	.....
Lake.....	78	Males.....	43.84	1,015	3.15	32	32	.....	.....	.....	.....
		Females..	56.16	798	5.14	41	41	.....	.....	.....	.....
		Total.....	.....	25,140	2.17	545	544	.....	1	.....	.....
Lapeer.....	112	Males.....	52.84	13,095	2.20	288	287	.....	1	.....	.....
		Females..	47.16	12,045	2.13	257	257	.....	.....	.....	.....
		Total.....	.....	5,031	3.18	160	147	.....	1	[a] 12	.....
Leelanaw.....	113	Males.....	53.12	2,692	3.16	85	77	.....	.....	8	.....
		Females..	46.88	2,339	3.21	75	70	.....	1	4	.....
		Total.....	.....	46,084	1.76	809	798	9	2	.....	.....
Lenawee.....	97	Males.....	49.20	23,256	1.71	398	395	2	1	.....	.....
		Females..	50.80	22,828	1.80	411	403	7	1	.....	.....
		Total.....	.....	20,329	2.18	444	443	1	.....	.....	.....
Livingston...	111	Males.....	52.60	10,569	2.20	233	232	1	.....	.....	.....
		Females..	47.40	9,760	2.15	210	210	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
		Total.....	.....	1,496	3.68	55	55	.....	.....	.....	.....
Mackinac.....	104	Males.....	50.91	765	3.66	28	28	.....	.....	.....	.....
		Females..	49.09	731	3.69	27	27	.....	.....	.....	.....
		Total.....	.....	28,305	2.48	702	701	1	.....	.....	.....
Macomb.....	103	Males.....	50.71	14,367	2.48	356	356	.....	.....	.....	.....
		Females..	49.29	13,938	2.48	346	345	1	.....	.....	.....
		Total.....	.....	8,471	3.84	325	324	1	.....	.....	.....
Manistee.....	156	Males.....	60.92	4,792	4.13	198	197	1	.....	.....	.....
		Females..	39.08	3,679	3.45	127	127	.....	.....	.....	.....
		Total.....	.....	657	5.94	39	39	.....	.....	.....	.....
Manitou.....[b]	129	Males.....	56.41	364	6.04	22	22	.....	.....	.....	.....
		Females..	43.59	293	5.80	17	17	.....	.....	.....	.....
		Total.....	.....	21,946	4.09	898	897	1	.....	.....	.....
Marquette...	101	Males.....	50.22	12,893	3.50	451	450	1	.....	.....	.....
		Females..	49.78	9,053	4.94	447	447	.....	.....	.....	.....
		Total.....	.....	5,361	3.58	192	190	.....	.....	2	.....
Mason.....	109	Males.....	52.08	2,971	3.37	100	98	.....	.....	2	.....
		Females..	47.92	2,390	3.85	92	92	.....	.....	.....	.....

[a] 1 male White and Indian.
[b] For townships not represented by returns of births, see Table XXI.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
Mecosta	105	Total	.....	9,132	2.52	230	230	.....	.....	.....	.....
		Males	51.30	4,874	2.42	118	118	.....	.....	.....	.....
		Females	48.70	4,258	2.63	112	112	.....	.....	.....	.....
Menominee	84	Total	.....	3,490	1.38	48	48	.....	.....	.....	.....
		Males	45.65	2,213	.95	21	21	.....	.....	.....	.....
		Females	54.35	1,277	1.96	25	25	.....	.....	.....	.....
		Unknown	.....	.....	.....	2	2	.....	.....	.....	.....
Midland	111	Total	.....	4,765	2.39	114	114	.....	.....	.....	.....
		Males	52.63	2,593	2.31	60	60	.....	.....	.....	.....
		Females	47.37	2,172	2.49	54	54	.....	.....	.....	.....
Missaukee	85	Total	.....	606	3.96	24	24	.....	.....	.....	.....
		Males	45.83	395	2.78	11	11	.....	.....	.....	.....
		Females	54.17	211	6.16	13	13	.....	.....	.....	.....
Monroe	108	Total	.....	28,085	2.50	703	703	.....	.....	.....	.....
		Males	51.99	14,258	2.56	365	365	.....	.....	.....	.....
		Females	48.01	13,827	2.43	337	337	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Montcalm[a]	95	Total	.....	20,722	2.40	498	497	.....	1	.....	.....
		Males	48.59	11,260	2.15	242	242	.....	.....	.....	.....
		Females	51.41	9,462	2.71	256	255	.....	1	.....	.....
Muskegon[a]	113	Total	.....	15,065	2.85	430	429	.....	.....	.....	1
		Males	53.02	8,354	2.73	228	228	.....	.....	.....	.....
		Females	46.98	6,711	3.01	202	201	.....	.....	.....	1
Newaygo[a]	96	Total	.....	7,378	2.67	197	197	.....	.....	.....	.....
		Males	48.98	4,127	2.33	96	96	.....	.....	.....	.....
		Females	51.02	3,251	3.08	100	100	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Oakland[a]	103	Total	.....	35,575	1.68	596	594	[b] 1	.....	.....	1
		Males	50.84	18,198	1.66	302	302	.....	.....	.....	.....
		Females	49.16	17,377	1.68	292	291	1	.....	.....	.....
		Unknown	.....	.....	.....	2	1	.....	.....	.....	1
Oceana	98	Total	.....	8,380	3.04	254	245	.....	.....	[c] 9	.....
		Males	49.61	4,581	2.75	126	122	.....	.....	4	.....
		Females	50.39	3,779	3.39	128	123	.....	.....	5	.....

[a] For townships not represented by returns of births, see Table XXI.
[b] 1 female "Colored."
[c] 1 female White and Indian.

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876. Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
Ogemaw[a]		Total		207							
		Males		153							
		Females		54							
Ontonagon	114	Total		2,406	3.12	75	75				
		Males	53.33	1,276	3.13	40	40				
		Females	46.67	1,130	3.10	35	35				
Osceola	100	Total		6,216	3.44	214	213			1	
		Males	50.00	3,491	3.06	107	107				
		Females	50.00	2,725	3.93	107	106			1	
Otsego[b]	7	Total		238	6.30	15	15				
		Males	6.67	162	.62	1	1				
		Females	93.33	76	18.42	14	14				
Ottawa	112	Total		29,929	3.03	906	902	[c] 4			
		Males	52.87	15,789	3.03	479	476	3			
		Females	47.13	14,140	3.02	427	426	1			
Presque Isle	141	Total		1,615	4.02	65	65				
		Males	58.46	851	4.47	38	38				
		Females	41.54	764	3.53	27	27				
Roscommon	200	Total		273	1.09	3	3				
		Males	66.67	167	1.07	2	2				
		Females	33.33	89	1.12	1	1				
Saginaw	110	Total		48,409	2.84	1,375	1,363	3	[d] 3	2	4
		Males	52.39	25,968	2.75	713	709	1	2	1	
		Females	47.61	22,441	2.89	648	643	2	1	1	1
		Unknown				14	11				3
Sanilac	103	Total		16,292	3.53	575	574		1		
		Males	50.78	8,653	3.37	292	292				
		Females	49.22	7,640	3.70	283	282		1		
Schoolcraft[b]	50	Total		472	1.27	6	6				
		Males	33.33	320	.63	2	2				
		Females	66.67	152	2.63	4	4				
Shiawassee	121	Total		21,773	2.17	473	472		1		
		Males	54.76	11,965	2.39	259	259				
		Females	45.24	10,508	2.04	214	213		1		

[a] No births in the townships of Churchill, Ogemaw, and Rose, and no returns from the township of Edwards.
[b] For townships not represented by returns of births, see Table XXI.
[c] 1 male "Colored."
[d] 1 male "Quadroon."

TABLE VI.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

COUNTIES.	Births,—Males to 100 Females.	SEX.	Per Cent of Births of each Sex to Total of both Sexes.	Population in 1874 Represented by Births in 1876.	Per Cent of Births of each Sex to Population of same Sex.	COLOR,—CHILDREN IN 1876.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unk.
St. Clair.....	101	Total.....	.....	40,688	2.69	1,093	1,091	.....	.....	[a] 1	1
		Males.....	50.37	21,181	2.59	549	549	.....	.....	.....	.....
		Females..	49.63	19,507	2.77	541	539	.....	.....	1	1
		Unknown	.....	.....	.....	3	3	.....	.....	.....	.....
St. Joseph....	101	Total.....	.....	25,906	2.09	542	539	1	2	.....	.....
		Males.....	50.18	13,267	2.05	272	272	.....	.....	.....	.....
		Females..	49.82	12,639	2.14	270	267	1	2	.....	.....
Tuscola.....	106	Total.....	.....	16,998	2.88	490	490	.....	.....	.....	.....
		Males.....	51.63	8,950	2.83	253	253	.....	.....	.....	.....
		Females..	48.37	8,048	2.94	237	237	.....	.....	.....	.....
Van Buren....	96	Total.....	.....	29,156	2.00	582	571	[b] 5	6	.....	.....
		Males.....	48.97	15,062	1.89	285	281	1	3	.....	.....
		Females..	51.03	14,094	2.11	297	290	4	3	.....	.....
Washtenaw..	112	Total.....	.....	38,723	1.69	653	632	12	7	.....	2
		Males.....	52.83	19,553	1.76	345	335	6	3	.....	1
		Females..	47.17	19,170	1.60	308	297	6	4	.....	1
Wayne.....	111	Total.....	.....	144,903	3.46	5,009	4,874	[c] 59	11	.....	65
		Males.....	52.71	72,306	3.64	2,636	2,562	53	7	.....	34
		Females..	47.29	72,597	3.26	2,365	2,306	26	4	.....	29
		Unknown	.....	.....	.....	8	6	.....	.....	.....	2
Wexford....[d]	104	Total.....	.....	2,812	4.13	116	115	.....	1	.....	.....
		Males.....	50.86	1,633	3.61	59	59	.....	.....	.....	.....
		Females..	49.14	1,179	4.83	57	56	.....	1	.....	.....

[a] 1 female "One-fourth Indian."
[b] 3 females "Colored."
[c] 1 female "Colored."
[d] For townships not represented by returns of births, see Table XXI.

According to the evidence in Table VII., 45.41 per cent of all the children born in Michigan in 1876, were born of parents who were both native-born, and 34.76 per cent were born of parents who were both foreign-born. This is about the usual proportion in this State, although the per cent of children born of parents who were both native-born was slightly greater in 1876 than in 1874 or 1875.

TABLE VII.—*Exhibiting, by Sex, by Number, and by Per Cent of Total, the Parent-Nativity of Children Born in Michigan during the Year 1876, according to the Returns.*

NATIVITY OF PARENTS OF CHILDREN BORN.	ALL CHILDREN BORN, 1876.							
	NUMBER.				PER CENT OF TOTAL.			
	Total.	Males.	Females.	Unk.	Total.	Males.	Females.	Unk.
All Nativities	34,235	17,751	16,428	56	100.00	100.00	100.00	100.00
Both Parents Native	15,551	8,044	7,493	14	45.41	45.32	45.61	25.00
Both Parents Foreign	11,901	6,178	5,704	19	34.76	34.80	34.72	33.93
Foreign Father and Native Mother	3,537	1,812	1,772	3	10.48	10.21	10.79	5.35
Foreign Mother and Native Father	1,868	1,036	829	3	5.46	5.84	5.05	5.36
Unknown Mother, Father Native	284	138	145	1	.83	.78	.88	1.79
Unknown Mother, Father Foreign	233	116	117	------	.68	.65	.71	-------
Unknown Father, Mother Native	209	102	106	1	.61	.57	.64	1.79
Unknown Father, Mother Foreign	84	48	36	------	.25	.27	.22	-------
Both Unknown	518	277	226	15	1.51	1.56	1.38	26.78
One or Both Native	21,499	11,132	10,245	22	62.80	62.71	62.37	39.29
One or Both Foreign	17,673	9,190	8,458	25	51.62	51.77	51.49	44.64

In Exhibit F, comparative evidence is given, for several years, relative to the parent-nativity of children, not distinguishing the sex, however, as is done in Table VII. By tracing the Exhibit back through preceding years, it is found that although the proportion of children born of parents—"Mother foreign and Father native," has been slightly increasing, the proportion born of parents—"Father foreign and Mother native," has increased almost constantly from 1869 to 1876, inclusive.

EXHIBIT F.—*Parent-Nativity of Children returned as having been Born in Michigan during each of the Years 1871 to 1876, inclusive.*

NATIVITY OF PARENTS OF CHILDREN BORN.	Births, 1871.		Births, 1872.		Births, 1873.		Births, 1874.		Births, 1875.		Births, 1876.	
	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.
All Nativities	25,092	100.00	27,993	100.00	34,608	100.00	31,151	100.00	31,958	100.00	34,235	100.00
Both Parents Native	11,374	43.75	12,907	46.11	16,202	46.81	13,341	42.83	14,226	44.51	15,551	45.42
Both Parents Foreign	8,734	33.60	9,721	34.73	11,946	34.52	10,517	33.76	11,120	34.80	11,901	34.76
Foreign Father and Native Mother	2,109	8.11	2,599	9.28	3,388	9.79	3,130	10.05	3,246	10.16	3,587	10.48
Foreign Mother and Native Father	1,217	4.68	1,359	4.85	1,941	5.61	1,680	5.39	1,727	5.40	1,868	5.46
One or both Unknown	2,658	9.84	1,407	5.03	1,131	3.27	2,483	7.97	1,639	5.13	1,328	3.88
One or both Parents Native[a]	14,700	56.55	16,865	60.25	21,531	62.21	18,151	58.27	19,199	60.08	21,006	61.36
One or both Parents Foreign[a]	12,060	46.39	13,679	48.87	17,275	49.91	15,327	49.20	16,093	50.36	17,356	50.70
Father—Native									16,309	51.03	17,703	51.71
Father—Foreign									14,812	46.35	15,721	45.92
Father—Unknown									837	2.62	811	2.37
Mother—Native									17,686	55.34	19,347	56.51
Mother—Foreign									12,961	40.56	13,853	40.46
Mother—Unknown									1,311	4.10	1,035	3.02

[a] Excluding cases where nativity of either parent is unknown.

Table VIII. permits of a study of the distribution, by counties, of children born in 1876, distinguishing them by parent-nativity.

TABLE VIII.—*Exhibiting, for the State and Counties of Michigan, by Sex, the Total Number of Children Born during the Year 1876, and the Parent-Nativity of such Children, so far as stated in the Returns. (Still-births included.)*

STATE AND COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876.[a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
State	Total	34,235	15,551	11,901	3,587	1,968	284	[b] 233	[c] 209	[c] 84	[d] 518
	Males	17,751	8,044	6,178	1,812	1,036	138	116	102	48	277
	Females	16,428	7,493	5,704	1,772	829	145	117	106	36	226
	Unknown	56	14	19	3	3	1	.....	1	.....	15
Alcona	Total	15	7	6	2	.....	.....	.....	.....	.....	.....
	Males	8	4	4	.....	.....	.....	.....	.....	.....	.....
	Females	7	3	2	2	.....	.....	.....	.....	.....	.....
Allegan	Total	795	414	247	89	32	3	.....	4	.....	6
	Males	411	218	122	50	15	2	.....	2	.....	2
	Females	384	196	125	39	17	1	.....	2	.....	4
Alpena	Total	181	24	108	22	20	.....	.....	1	.....	6
	Males	94	11	61	7	11	.....	.....	.....	.....	4
	Females	87	13	47	15	9	.....	.....	1	.....	2
Antrim	Total	75	27	25	17	4	1	1	.....	.....	.....
	Males	46	15	15	13	1	1	1	.....	.....	.....
	Females	28	12	10	4	2	.....	.....	.....	.....	.....
	Unknown	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Baraga	Total	66	16	42	5	2	.....	.....	1	.....	.....
	Males	38	9	25	3	1	.....	.....	.....	.....	.....
	Females	28	7	17	2	1	.....	.....	1	.....	.....
Barry	Total	565	419	57	46	36	1	2	1	.....	3
	Males	289	217	26	26	18	1	.....	.....	.....	1
	Females	275	202	30	20	18	.....	2	1	.....	2
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Bay	Total	890	201	457	109	65	17	29	.....	4	8
	Males	466	108	234	52	43	7	14	.....	3	5
	Females	424	93	223	57	22	10	15	.....	1	3

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "unknown."
[b] 3 males and 5 females, mother "America."
[c] 2 males and 1 female, father "America."
[d] 15 males and 19 females "America;" 2 males, father "America," and 1 male, mother "America."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876.[a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
Benzie	Total	71	41	20	7	1	.....	.....	1	.....	1
	Males	35	18	11	4	1	.....	.....	1	.....	.....
	Females	36	23	9	3	.....	.....	.....	.....	.....	1
Berrien	Total	701	425	155	56	13	6	[b] 4	[c] 6	2	[d] 34
	Males	372	224	81	34	11	2	2	1	1	16
	Females	328	200	74	22	2	4	2	5	1	18
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Branch	Total	566	492	32	25	13	1	.....	1	1	1
	Males	299	265	15	12	5	1	.....	.....	1	.....
	Females	265	225	17	13	8	.....	.....	1	.....	1
	Unknown	2	2	.....	.....	.....	.....	.....	.....	.....	.....
Calhoun	Total	535	379	66	55	17	3	5	3	.....	7
	Males	272	186	35	27	12	1	4	2	.....	5
	Females	262	193	31	28	5	2	1	1	.....	1
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Cass	Total	382	312	18	29	14	2	.....	6	1	.....
	Males	188	154	11	13	7	.....	.....	2	1	.....
	Females	193	157	7	16	7	2	.....	4	.....	.....
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Charlevoix	Total	82	36	26	12	8	.....	.....	.....	.....	.....
	Males	41	16	14	5	6	.....	.....	.....	.....	.....
	Females	41	20	12	7	2	.....	.....	.....	.....	.....
Cheboygan	Total	93	30	39	15	8	.....	.....	.....	1	.....
	Males	51	15	27	5	3	.....	.....	.....	1	.....
	Females	42	15	12	10	5	.....	.....	.....	.....	.....
Chippewa	Total	56	16	14	10	8	4	1	.....	1	2
	Males	24	6	5	5	4	1	1	.....	1	1
	Females	32	10	9	5	4	3	.....	.....	.....	1
Clare	Total	49	33	4	6	6	.....	.....	.....	.....	.....
	Males	25	15	2	4	4	.....	.....	.....	.....	.....
	Females	24	18	2	2	2	.....	.....	.....	.....	.....
Clinton	Total	546	369	75	62	27	4	3	4	.....	2
	Males	297	205	33	33	18	2	3	2	.....	1
	Females	249	164	42	29	9	2	.....	2	.....	1

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 2 males and 2 females, mother "America." [c] 1 male and 1 female, father "America."
[d] 10 males and 14 females "America."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876. [a] Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father. Native.	Mother Unk. Father. Foreign.	Father Unk. Mother. Native.	Father Unk. Mother. Foreign.	Both Unknown.
Delta	Total	149	25	85	11	6	.....	[b] 4	3	[c] 2	[d] 6
	Males	61	10	30	5	4	.....	1	.....	1	1
	Females	79	15	46	6	2	.....	3	3	1	3
Eaton	Total	694	570	41	47	18	5	1	9	1	2
	Males	368	293	25	30	8	1	1	7	1	2
	Females	326	277	16	17	10	4	.....	2	.....	.....
Emmet	Total	88	65	8	8	3	1	.....	1	.....	2
	Males	50	36	5	3	2	1	.....	1	.....	2
	Females	37	28	3	5	1	.....	.....	.....	.....	.....
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Genesee	Total	620	466	90	71	30	2	.....	.....	2	2
	Males	319	213	43	30	23	2	.....	.....	1	1
	Females	300	190	47	34	27	.....	.....	.....	1	1
	Unknown	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Gladwin	Total	12	7	2	1	2	.....	.....	.....	.....	.....
	Males	6	3	1	.....	2	.....	.....	.....	.....	.....
	Females	6	4	1	1	.....	.....	.....	.....	.....	.....
Gr. Traverse	Total	146	82	34	13	10	.....	.....	1	1	5
	Males	81	44	16	7	9	.....	.....	.....	1	4
	Females	65	38	18	6	1	.....	.....	1	.....	1
Gratiot	Total	410	306	33	40	27	1	.....	2	.....	1
	Males	191	139	17	15	19	.....	.....	.....	.....	1
	Females	219	167	16	25	8	1	.....	2	.....	.....
Hillsdale	Total	512	415	29	21	12	23	3	6	.....	3
	Males	275	218	14	12	9	15	2	2	.....	3
	Females	237	197	15	9	3	8	1	4	.....	.....
Houghton	Total	842	37	713	68	17	.....	1	4	1	1
	Males	473	17	399	39	14	.....	1	2	1	.....
	Females	369	20	314	29	3	.....	.....	2	.....	1
Huron	Total	516	44	377	58	32	.....	.....	.....	2	3
	Males	242	21	172	31	15	.....	.....	.....	1	2
	Females	273	23	205	27	16	.....	.....	.....	1	1
	Unknown	1	.....	.....	.....	1	.....	.....	.....	.....	.....

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 male and 3 females, mother "America."
[c] 1 male and 1 female, father "America."
[d] 1 male and 3 females "America."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876.[a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
Ingham	Total	601	435	64	59	25	9	.....	3	2	4
	Males	308	220	41	24	13	5	.....	2	1	2
	Females	292	215	23	35	12	4	.....	1	1	1
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Ionia	Total	665	431	80	76	50	13	4	3	4	4
	Males	375	247	43	39	30	6	3	2	3	2
	Females	287	183	35	37	20	7	1	1	1	2
	Unknown	3	1	2	.....	.....	.....	.....	.....	.....	.....
Iosco	Total	103	25	41	11	9	1	4	.....	.....	12
	Males	67	15	29	7	5	.....	3	.....	.....	8
	Females	36	10	12	4	4	1	1	.....	.....	4
Isabella	Total	198	131	27	22	12	3	2	1	.....	.....
	Males	103	71	15	7	9	1	.....	.....	.....	.....
	Females	94	59	12	15	3	2	2	1	.....	.....
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Isle Royal	Total	7	.....	4	1	.....	.....	2	.....	.....	.....
	Males	3	.....	1	1	.....	.....	1	.....	.....	.....
	Females	4	.....	3	.....	.....	.....	1	.....	.....	.....
Jackson	Total	766	474	127	75	41	32	3	7	4	3
	Males	400	245	73	35	20	17	2	3	3	2
	Females	366	229	54	40	21	15	1	4	1	1
Kalamazoo	Total	620	393	124	44	31	9	4	1	.....	14
	Males	294	185	57	27	13	5	.....	1	.....	6
	Females	326	208	67	17	18	4	4	.....	.....	8
Kalkaska	Total	55	31	6	10	6	.....	1	.....	.....	1
	Males	25	19	2	2	1	.....	.....	.....	.....	1
	Females	30	12	4	8	5	.....	1	.....	.....	.....
Kent	Total	1,759	723	711	194	106	.....	5	6	3	11
	Males	917	384	367	91	61	.....	5	3	.....	6
	Females	836	337	342	103	44	.....	.....	3	3	4
	Unknown	6	2	2	.....	1	.....	.....	.....	.....	1
Keweenaw	Total	285	9	200	23	3	.....	1	.....	2	47
	Males	145	5	95	14	3	.....	.....	.....	2	26
	Females	137	4	102	9	.....	.....	1	.....	.....	21
	Unknown	3	.....	3	.....	.....	.....	.....	.....	.....	.....

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876.[a] Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father. Native.	Mother Unk. Father. Foreign.	Father Unk. Mother. Native.	Father Unk. Mother. Foreign.	Both Unknown.
Lake	Total	73	50	11	7	4	------	1	------	------	------
	Males	32	23	5	1	2	------	1	------	------	------
	Females	41	27	6	6	2	------	------	------	------	------
Lapeer	Total	545	207	177	84	62	4	2	4	1	4
	Males	288	108	100	41	30	3	1	2	1	2
	Females	257	99	77	43	32	1	1	2	------	2
Leelanaw	Total	160	53	78	20	8	------	------	1	------	------
	Males	85	29	41	11	3	------	------	1	------	------
	Females	75	24	37	9	5	------	------	------	------	------
Lenawee	Total	809	568	126	57	25	14	14	4	------	1
	Males	398	276	67	30	14	5	3	3	------	------
	Females	411	292	59	27	11	9	11	1	------	1
Livingston	Total	444	329	49	34	23	4	2	3	------	------
	Males	233	172	26	20	11	1	2	1	------	------
	Females	210	156	23	14	12	3	------	2	------	------
	Unknown	1	1	------	------	------	------	------	------	------	------
Mackinac	Total	55	30	4	4	4	8	3	1	------	1
	Males	28	16	------	3	3	5	------	------	------	1
	Females	27	14	4	1	1	3	3	1	------	------
Macomb	Total	702	285	289	76	40	5	3	1	3	------
	Males	356	142	144	43	24	1	1	------	1	------
	Females	346	143	145	33	16	4	2	1	2	------
Manistee	Total	325	63	201	38	18	------	2	1	1	1
	Males	198	40	123	21	10	------	2	------	1	1
	Females	127	23	78	17	8	------	------	1	------	------
Manitou	Total	39	3	31	2	1	------	2	------	------	------
	Males	22	2	19	------	1	------	------	------	------	------
	Females	17	1	12	2	------	------	2	------	------	------
Marquette	Total	898	71	708	62	24	1	3	5	7	17
	Males	451	30	354	33	14	------	2	5	4	9
	Females	447	41	354	29	10	1	1	------	3	8
Mason	Total	192	83	63	26	11	------	2	------	1	6
	Males	100	47	32	11	6	------	1	------	------	3
	Females	92	36	31	15	5	------	1	------	1	3

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876.[a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
Mecosta	Total	230	105	75	28	20	.....	.....	.....	.....	2
	Males	118	54	41	10	12	.....	.....	.....	.....	1
	Females	112	51	34	18	8	.....	.....	.....	.....	1
Menominee	Total	48	15	19	9	1	1	1	.....	.....	2
	Males	21	6	8	5	1	.....	.....	.....	.....	1
	Females	25	9	10	4	.....	1	1	.....	.....	.....
	Unknown	2	.....	1	.....	.....	.....	.....	.....	.....	1
Midland	Total	114	52	35	9	17	1	.....	.....	.....	.....
	Males	60	26	16	7	10	1	.....	.....	.....	.....
	Females	54	26	19	2	7	.....	.....	.....	.....	.....
Missaukee	Total	24	4	12	4	1	.....	3	.....	.....	.....
	Males	11	2	6	1	1	.....	1	.....	.....	.....
	Females	13	2	6	3	.....	.....	2	.....	.....	.....
Monroe	Total	703	460	141	69	21	.....	.....	1	1	.....
	Males	365	239	77	32	16	.....	.....	1	.....	.....
	Females	337	220	64	37	15	.....	.....	.....	1	.....
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Montcalm	Total	498	304	97	43	33	.....	1	8	4	8
	Males	242	154	38	25	15	.....	1	2	3	4
	Females	256	150	59	18	18	.....	.....	6	1	4
Muskegon	Total	430	89	269	50	12	4	1	2	[b] 1	2
	Males	228	49	142	26	6	2	.....	1	1	1
	Females	202	40	127	24	6	2	1	1	.....	1
Newaygo	Total	197	126	30	24	13	3	.....	.....	.....	1
	Males	96	67	12	7	8	1	.....	.....	.....	1
	Females	100	59	17	17	5	2	.....	.....	.....	.....
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Oakland	Total	596	357	94	73	47	13	4	5	1	2
	Males	302	183	44	40	23	5	3	2	1	1
	Females	292	174	50	33	24	8	1	2	.....	.....
	Unknown	2	.....	.....	.....	.....	.....	.....	1	.....	1
Oceana	Total	254	160	38	30	14	3	2	2	.....	5
	Males	126	80	17	20	7	.....	.....	1	.....	1
	Females	128	80	21	10	7	3	2	1	.....	4

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 male, father "America."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS—1876. [a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
Ogemaw [b]											
Ontonagon	Total	75	12	43	16	4					
	Males	40	4	23	10	3					
	Females	35	8	20	6	1					
Osceola	Total	214	90	81	23	17				1	2
	Males	107	44	45	9	8					1
	Females	107	46	36	14	9				1	1
Otsego	Total	15	8	2	1	2	1	1			
	Males	1	1								
	Females	14	7	2	1	2	1	1			
Ottawa	Total	906	336	422	89	47			4	2	[c] 6
	Males	479	171	222	50	28			4		4
	Females	427	165	200	39	19				2	2
Presque Isle	Total	65	1	64							
	Males	38		38							
	Females	27	1	26							1
Roscommon	Total	3	2								1
	Males	2	1								1
	Females	1	1								
Saginaw	Total	1,375	376	638	158	98	10	40	4	7	44
	Males	713	194	335	83	50	4	23	2	4	18
	Females	648	181	298	74	48	6	17	2	3	19
	Unknown	14	1	5	1						7
Sanilac	Total	573	63	355	104	51				2	
	Males	293	34	186	44	25				1	
	Females	283	29	167	60	26				1	
Schoolcraft	Total	6		4	1	1					
	Males	2		2							
	Females	4		2	1	1					
Shiawassee	Total	473	310	77	46	36			2		
	Males	259	183	40	17	15			1		
	Females	214	127	37	29	20			1		

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."

[b] No returns of births from the township of Edwards, and no births in the townships of Churchill, Ogemaw, and Rose.

[c] 1 male and 2 females "America."

TABLE VIII.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

COUNTIES.	SEX.	Children Born, 1876.	NATIVITY OF PARENTS,—1876. [a]								
			Both Native.	Both Foreign.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk. Father.		Father Unk. Mother.		Both Unknown.
							Native.	Foreign.	Native.	Foreign.	
St. Clair	Total	1,093	259	517	176	89	12	5	8	5	22
	Males	549	125	250	97	49	9	2	4	3	10
	Females	541	134	266	79	40	2	3	4	2	11
	Unknown	3	.....	1	.....	.....	1	.....	.....	.....	1
St. Joseph	Total	542	412	78	28	18	1	1	3	.....	1
	Males	272	210	39	14	6	1	1	1	.....	.....
	Females	270	202	39	14	12	.....	.....	2	.....	1
Tuscola	Total	490	221	147	65	50	.....	2	2	1	2
	Males	253	116	76	32	24	.....	1	2	1	1
	Females	237	105	71	33	26	.....	1	.....	.....	1
Van Buren	Total	582	449	43	56	26	1	.....	5	.....	2
	Males	285	226	24	21	10	.....	.....	3	.....	1
	Females	297	223	19	35	16	1	.....	2	.....	1
Washtenaw	Total	653	303	173	99	32	12	13	11	1	9
	Males	345	167	90	43	22	9	8	4	.....	2
	Females	308	136	83	56	10	3	5	7	1	7
Wayne	Total	5,009	1,886	2,490	546	245	45	42	[b] 57	11	[c] 187
	Males	2,636	721	1,304	281	151	20	18	29	4	108
	Females	2,365	663	1,183	264	94	25	24	28	7	77
	Unknown	8	2	3	1	.....	.....	.....	.....	.....	2
Wexford	Total	116	62	33	10	7	.....	3	.....	.....	1
	Males	59	31	15	6	5	.....	1	.....	.....	1
	Females	57	31	18	4	2	.....	2	.....	.....	.....

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 male, father "America."
[c] 2 males, father "America;" 1 male, mother "America," and 3 males "America."

AVERAGE ULTIMATE NUMBER OF CHILDREN TO A MOTHER, 1876.

Exhibit 1 is used to demonstrate the method of ascertaining the average number of children to a mother during a life-time. The principle of the exhibit has been explained in the two Reports preceding this. The figures which are here placed in the diagonal column between the two zigzag lines which cross the other columns, were taken from the "Twenty-fourth Registration Report, Rhode Island, 1876," and the remaining figures were obtained by means of the principles explained in "Vital Statistics of Michigan, 1875," pages 40–41. According to this Exhibit, the average ultimate number of children to an average mother, based upon the statistics of births in Rhode Island in 1876, is 6.07. The statistics of Rhode Island for 1875 show the average number to be 6.15; and the statistics of the city of Providence, R. I., show the average number to be 6.35. This relates to an *average* mother, and not to *every* mother. If, as has been done in a preceding Report, a computation is made relative to every woman who becomes a mother, the average number of children to each mother is found to be less than is shown for an average mother, because quite a considerable proportion of mothers die after bearing their first or second child. On page 44 of the Vital Statistics of Michigan, 1874, is an exhibit based upon statistics for twenty years (1857–1876), showing the average ultimate number of children to an average mother to be a little less than six (5.91), while the average ultimate number of children to each woman who becomes a mother is four. This was learned by a careful study of the statistics in Rhode Island. It is very much regretted that the law in Michigan does not yet provide for ascertaining the number of the child born of the same mother.

EXHIBIT 1.—*Showing the number of First, Second, Third, etc., Children born in the State of Rhode Island in 1876, the number of Children which the Mothers of these Children had borne previously to 1876, and the number of Children, which, at the rate indicated by the births in 1876, they will probably bear subsequently to 1876.*

Children Born Previously to 1876.		Children to be Born after 1876.																			
		Number of the Child.																			
Total.	No.*	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Total.
------	1.	1518	1299	1010	756	530	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	4,779
1,299	2.	1299	1299	1010	756	530	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	3,480
2,020	3.	1010	1010	1010	756	530	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	2,470
2,268	4.	756	756	756	756	530	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	1,714
2,120	5.	530	530	530	530	530	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	1,184
2,050	6.	410	410	410	410	410	410	269	178	116	73	56	43	18	12	3	3	1	....	1	1	774
1,614	7.	269	269	269	269	269	269	269	178	116	73	56	43	18	12	3	3	1	....	1	1	505
1,246	8.	178	178	178	178	178	178	178	178	116	73	56	43	18	12	3	3	1	....	1	1	327
928	9.	116	116	116	116	116	116	116	116	116	73	56	43	18	12	3	3	1	....	1	1	211
657	10.	73	73	73	73	73	73	73	73	73	73	56	43	18	12	3	3	1	....	1	1	138
560	11.	56	56	56	56	56	56	56	56	56	56	56	43	18	12	3	3	1	....	1	1	82
473	12.	43	43	43	43	43	43	43	43	43	43	43	43	18	12	3	3	1	....	1	1	39
216	13.	18	18	18	18	18	18	18	18	18	18	18	18	18	12	3	3	1	....	1	1	21
156	14.	12	12	12	12	12	12	12	12	12	12	12	12	12	12	3	3	1	....	1	1	9
42	15.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	....	1	1	6
45	16.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	....	1	1	3
16	17.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	....	1	1	2
------	18.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2
18	19.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	20.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	------
15,747		Total of diagonal line, for children born in 1876=6,297.																				15,747

*Number of the child born, of the same mother, in 1876.

Children borne previously to 1876=15,747.

Children born during the year 1876=6,297.

Children borne subsequently to 1876=15,747.

Mothers who bore children in 1876=6,227. (The number of twin-births was 70.)

15,747+6,297+15,748÷6,227=6.07, the average number of children to an average mother in a life-time, according to the above data.

TWIN CHILDREN, 1876.

More twin children were returned as having been born in Michigan in 1876 than in any previous year, 856 having been returned for 1876. Table IX. shows the number of pairs of twins, and the number of twin children, by months arranged in order, those months first in which occurred the greatest number of twin births. The months of July, August, and June, head the list in this order, and these births were probably conceived during the months of October, November, and September of the preceding year. Those twin children who were born in months which fall below the average monthly number in 1876 were conceived in February, April, May, and July. This table may be compared with Table III. and with Exhibit E, pages 11–12. In order to facilitate the comparison, a column has been added to Table IX. in this Report, exhibiting the relation of the twin births to all births. The column is also of interest for comparison with the one next to it relating to the proportions of the sexes. In 1876 there was an excess of females among the twin children, there being only 92 males to 100 females. This is the smallest proportion of males among twin children in any year except in 1872, when there were only 91 males to 100 females. The average proportion of the sexes among twin births for the eight years 1869–1876 is 102 males to 100 females. This is a smaller proportion of males than is found among all children born.

TABLE IX.—*Exhibiting, by Sex, the Number of Pairs of Twins, and the Number of Twin Children returned as having been Born in Michigan during the Year 1876, by Months arranged in Order by Number; also, by Pairs and by Individuals, the Number of Males to 100 Females.*

	YEAR AND MONTHS.	Number of Twin Children, 1876.					Per Cent to All Children Born.	Number of Pairs of Twins, 1876.						
		Total.	Males.	Females.	Unkno'n.	Males to 100 Females.		Total.	Males.	Females.	One of each Sex.	Unkno'n.	Males to 100 One of each Sex.	Males to 100 Females.
	Year, 1876	856	409	443	4	92	.95	428	124	141	161	2	77	88
More than the Average Number of Twins.	July	86	38	48	.....	79	1.09	43	9	14	20	.....	45	64
	August	86	43	41	2	105	1.07	43	11	10	21	1	52	110
	June	82	41	41	.....	100	1.11	41	13	13	15	.....	87	100
	September	82	47	35	.....	134	1.05	41	18	12	11	.....	164	150
	October	78	40	38	.....	105	1.05	39	12	11	16	.....	75	109
	March	76	38	38	.....	100	.96	38	11	11	16	.....	69	100
	May	74	35	39	.....	90	.94	37	11	13	13	.....	85	85
	December	72	32	38	2	84	.97	36	11	14	10	1	110	79
	Average per mo.	71.3	34.1	36.9	.3	.....	.....	35.7	10.3	11.8	13.4	.2	.....	.....
Less than the Av. No. of Twins.	April	68	31	37	.....	84	.88	34	9	12	13	.....	69	75
	February	64	29	35	.....	83	.92	32	8	11	13	.....	62	73
	January	52	18	34	.....	53	.76	26	5	13	8	.....	62	38
	November	36	17	19	.....	89	.52	18	6	7	5	.....	120	86

The proportion of twin births among parents of different nativities may be studied in table X., and by this table in connection with table VII. it will be seen that the proportion of foreign-born parents is greater for twins than for all children born, and of native-born parents the proportion is smaller for twins than for all children born. This indicates that foreign-born parents are more productive of twin births than are the native-born parents; and as this evidence is the same for a series of years it seems to be conclusive, because the tables include for consideration all parents; yet if we turn to Exhibit 5, page 44, which deals with the mothers only, we find that, although the proportion of twin births has been, in every year from 1871 to 1875 inclusive, greater among the foreign-born than among the native-born mothers, in 1876 the proportion of twins was greatest among the native-born mothers. Turning now to a study of Tables VII. and XI. it appears that while, of all children born in 1876, the proportion which were born under a mixed parent-nativity was, respectively, (see Table VII.) "Foreign Father and Native Mother," 10.48, "Foreign Mother and Native Father," 5.46 per cent, the proportion of pairs of twins was, "Foreign Father and Native Mother," 13.55, "Foreign Mother and Native Father," only 2.80 per cent of all twins born in 1876. Taken in connection with what has gone before, showing excess of twins born of foreign-born parents, this would seem to indicate that we must look further than to the mother's influence alone for causes tending to the production of twin births; indeed, so far as the evidence of a single year teaches, it is that, in the production of twins, the influence of the father is greater than that of the mother. It will be interesting to study this question further in future Reports.

TABLE X.—*Parent-Nativity of Twins Returned as having been Born in Michigan during the year 1876.*

NATIVITY OF PARENTS OF TWINS, 1876.	PAIRS OF TWINS, 1876.									
	NUMBER.					PER CENT OF EACH PARENT-NATIVITY TO TOTAL OF ALL NATIVITIES.				
	Total.	Males.	Females.	One of Each Sex.	Unkno'n.	Total.	Males.	Females.	One of Each Sex.	Unkno'n.
All Nativities	428	124	141	161	2	100.00	100.00	100.00	100.00	100.00
Both Native	188	55	57	76	.....	43.93	44.35	40.43	47.20	.....
Both Foreign	158	45	56	56	1	36.92	36.29	39.72	34.78	50.00
Foreign Father and Native Mother	58	14	23	21	.....	13.55	11.29	16.31	13.04	.....
Foreign Mother and Native Father	12	7	2	3	.....	2.80	5.65	1.42	1.86	.....
Unknown Mother, Father Native	3	1	1	1	.....	.70	.81	.71	.62	.....
Unknown Mother, Father Foreign	1	.....	1	.....	.....	.23	.....	.71	.....	.....
Unknown Father, Mother Native	3	.....	.....	3	.....	.70	.....	.....	1.86	.....
Unknown Father, Mother Foreign	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Both Unknown	5	2	1	1	1	1.17	1.61	.71	.62	50.00
One or Both Native	264	77	83	104	.....	61.68	62.10	58.87	64.60	.....
One or Both Foreign	229	66	82	80	1	53.50	53.23	58.16	49.69	50.00

EXHIBIT 5.—*By Nativity and by Color of Mothers, the Number and Proportion of Twin Births Returned as having occurred in Michigan during the Years 1874 to 1876, inclusive.*

NATIVITY AND COLOR OF MOTHERS OF TWINS.	1874.			1875.			1876.		
	Pairs of Twins.	All Mothers Including those of Twins.	Per Ct. of Births of Twins to all Mothers.	Pairs of Twins.	All Mothers Including those of Twins.	Per Ct. of Births of Twins to all Mothers.	Pairs of Twins.	All Mothers, Including those of Twins.	Per Ct. of Births of Twins to all Mothers.
Mothers of all Colors and of all Nativities	408	30,739	1.33	370	31,586	1.17	428	33,791	1.27
All Native Mothers	211	16,452	1.28	174	17,510	.99	249	19,086	1.30
All Foreign Mothers	192	12,210	1.49	184	12,777	1.44	170	13,679	1.24
Mothers of Unknown Nativities	15	2,077	.72	12	1,299	.92	9	1,026	.88
White	401	30,238	1.33	365	31,147	1.17	424	33,273	1.27
Black	1	145	.69	1	112	.89	1	139	.72
Mulatto	2	81	2.47	2	89	2.25	------	88	------
Indian	3	139	2.16	------	136	------	2	139	1.44
Unknown	1	136	.74	2	102	1.96	1	152	.66
Black and Mulatto	3	226	1.33	3	201	1.49	1	227	.44

TABLE XI.—*Parent-Nativity of Twins Returned as having been Born in Michigan during the Year 1876, distinguishing between Parents who were Natives of the same State and those born in different States or Countries.*

NATIVITY OF PARENTS OF TWINS, 1876.	PAIRS OF TWINS, 1876.									
	NUMBER.					PER CENT OF EACH PARENT-NATIVITY TO TOTAL OF ALL NATIVITIES.				
	Total.	Males.	Females.	One of Each Sex.	Unkno'n.	Total.	Males.	Females.	One of Each Sex.	Unkno'n.
All Nativities	428	124	141	161	2	100.00	100.00	100.00	100.00	100.00
Same American State or Foreign Country	226	64	74	87	1	52.80	51.61	52.48	54.04	50.00
Different American States or Foreign Countries	120	36	39	45	------	28.04	29.03	27.66	27.95	------
Foreign Father and Native Mother	58	14	23	21	------	13.55	11.29	16.31	13.04	------
Foreign Mother and Native Father	12	7	2	3	------	2.80	5.65	1.42	1.86	------
Unknown Mother, Father Native	3	1	1	1	------	.70	.81	.71	.62	------
Unknown Mother, Father Foreign	1	------	1	------	------	.23	------	.71	------	------
Unknown Father, Mother Native	3	------	------	3	------	.70	------	------	1.86	------
Unknown Father, Mother Foreign	------	------	------	------	------	------	------	------	------	------
Both Unknown	5	2	1	1	1	1.17	1.61	.71	.62	50.00
Different States or Countries[a]	190	57	64	69	------	44.39	45.97	45.39	42.86	------

[a] Includes "Different American States or Foreign Countries," "Foreign Father and Native Mother," and "Foreign Mother and Native Father." Compare with "Same American State or Foreign Country."

TABLE XII.—*Exhibiting, for the State and Counties, by Sex, the Number of Pairs of Twins, the Number of Twin Children, and the Nativity of Parents of Twins Returned as having been born in Michigan during the Year 1876. Nativity Stated by Pairs of Twins.*

STATE AND COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876. [a]									
				NATIVE.		FOREIGN.		Father and Native Mother.	Foreign Mother and Native Father.	MOTHER UNK.		FATHER UNK.		Both Unknown.
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.			Father.		Mother.		
										Native.	Foreign.	Native.	Foreign.	
State	Total	856	428	93	95	133	25	58	12	3	1	3	...	5
	Males	409	124	[b] 24	[c] 31	[d] 40	5	14	7	1	....	....	....	[e] 2
	Females	443	141	[f] 33	[g] 24	[h] 41	[i] 15	[j] 23	2	1	1	....	....	1
	One of each	.....	161	[k] 36	40	[l] 51	5	[g] 21	3	[m] 1	....	[n] 3	....	[o] 1
	Unknown	4	2	.....	.....	[m] 1	.....	....	....	....	....	....	....	[m] 1
Allegan	Total	32	16	3	5	4	3	1	....	....	....	....	....	..
	Males	10	2	.....	1	1	.....	....	....	....	....	....	....	..
	Females	22	8	1	1	3	[m] 2	1	....	....	....	....	....	..
	One of each	.....	6	2	3	.....	1	....	....	....	....	....	....	..
Alpena	Total	6	3	1	.....	2	.....	....	....	....	....	....	....	..
	Males	5	2	1	.....	[p] 1	.....	....	....	....	....	....	....	..
	Females	1	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	1	.....	.....	1	.....	....	....	....	....	....	....	..
Baraga	Females	2	1	.....	.....	1	.....	....	....	....	....	....	....	..
Barry	Total	8	4	2	1	.....	1	....	....	....	....	....	....	..
	Males	3	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	Females	5	1	1	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	3	1	1	.....	1	....	....	....	....	....	....	..
Bay	Total	28	14	2	1	7	1	2	....	1	....	....	....	..
	Males	13	3	.....	.....	2	.....	1	....	....	....	....	....	..
	Females	15	4	[q] 1	.....	2	.....	1	....	....	....	....	....	..
	One of each	.....	7	[m] 1	1	[g] 3	1	....	....	[m] 1	....	....	....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America," were compiled with the "Unknown."

[b] 1 pair still-born, and 1 pair Indian. [c] 2 pairs and 1 male still-born, and 1 pair illegitimate.
[d] 5 pairs and 4 males still-born. [e] 1 male still-born, and 1 pair illegitimate.
[f] 1 pair still-born, and 1 pair Indian. [g] 1 female still-born.
[h] 2 females still-born, and 2 half-pairs unknown sex.
[i] 2 pairs and 1 female still-born. [j] 3 pairs still-born.
[k] 4 pairs and 1 male still-born, and 1 pair illegitimate.
[l] 3 pairs, 1 male and 2 females still-born, and 1 pair black.
[m] 1 pair still-born. [n] 1 pair illegitimate. [o] 1 pair unknown color.
[p] 1 male still-born. [q] 1 pair Indian.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876. [a]										
				NATIVE.		FOREIGN.				MOTHER UNK.		FATHER UNK.		
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Father.		Mother.		Both Unknown.
										Native.	Foreign.	Native.	Foreign.	
Berrien	Total	26	13	.....	8	3	.....	1	1	.....	.....	.....	.....	..
	Males	12	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	..
	Females	14	3	.....	1	1	.....	1	.....	.....	.....	.....	.....	..
	One of each	.....	8	.....	7	[b] 1	.....	.....	.....	.....	.....	.....	.....	..
Branch	Total	24	12	6	3	1	.....	2	.....	.....	.....	.....	.....	..
	Males	13	3	2	.....	.....	.....	1	.....	.....	.....	.....	.....	..
	Females	11	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	7	[b] 4	1	1	.....	1	.....	.....	.....	.....	.....	..
Calhoun	Total	10	5	4	.....	.....	1	.....	.....	.....	.....	.....	.....	..
	Males	5	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	5	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	..
Cass	Total	8	4	1	2	.....	.....	.....	1	.....	.....	.....	.....	..
	Males	4	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	..
	Females	4	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Chippewa	Total	4	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	..
	Males	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	3	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	..
Clinton	Total	12	6	3	.....	2	1	.....	.....	.....	.....	.....	.....	..
	Males	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
	Females	9	4	2	.....	1	1	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	[c] 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Delta	Total	4	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	..
	Males	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
	Females	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
Eaton	Total	22	11	3	7	.....	1	.....	.....	.....	.....	.....	.....	..
	Males	10	3	1	1	.....	1	.....	.....	.....	.....	.....	.....	..
	Females	12	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 male still-born.
[c] 1 pair still-born.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876.[a]										
				NATIVE.		FOREIGN.				MOTHER UNK.		FATHER UNK.		
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Father. Native.	Father. Foreign.	Mother. Native.	Mother. Foreign.	Both Unknown.
Emmet	Males	2	1	[b] 1	.....	.....	.....	....	....	....	....	....	....	..
Genesee	Total	6	3	1	2	.....	.....	....	....	....	....	....	....	..
	Males	5	2	.....	2	.....	.....	....	....	....	....	....	....	..
	Females	1	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	1	1	.....	.....	.....	....	....	....	....	....	....	..
Gladwin	Males	2	1	1	.....	.....	.....	....	....	....	....	....	....	..
Grand Traverse	Total	6	3	1	1	.....	.....	....	....	....	....	....	....	..
	Males	2	1	.....	.....	.....	.....	....	1	....	....	....	....	..
	Females	4	2	1	1	.....	.....	1	1	....	....	....	....	..
Gratiot	Males	6	3	.....	1	.....	1	1	....	....	....	....	....	..
Hillsdale	Total	14	7	3	3	.....	.....	1	....	....	....	....	....	..
	Males	8	3	1	1	.....	.....	1	....	....	....	....	....	..
	Females	6	2	[c] 2	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	2	.....	2	.....	.....	....	....	....	....	....	....	..
Houghton	Total	28	14	1	.....	8	1	3	1	....	....	....	....	..
	Males	16	6	.....	.....	[c d] 3	1	1	1	....	....	....	....	..
	Females	12	4	1	.....	2	.....	[c] 1	....	....	....	....	....	..
	One of each	.....	4	.....	.....	[c] 3	.....	1	....	....	....	....	....	..
Huron	Total	22	11	.....	.....	8	2	1	....	....	....	....	....	..
	Males	3	1	.....	.....	1	.....	....	....	....	....	....	....	..
	Females	19	9	.....	.....	[e] 6	[c] 2	1	....	....	....	....	....	..
	One of each	.....	1	.....	.....	1	.....	....	....	....	....	....	....	..
Ingham	Total	28	14	7	3	.....	1	3	....	....	....	....	....	..
	Males	12	5	1	3	.....	.....	1	....	....	....	....	....	..
	Females	16	7	4	.....	.....	1	2	....	....	....	....	....	..
	One of each	.....	2	2	.....	.....	.....	....	....	....	....	....	....	..
Ionia	Total	20	10	3	5	1	.....	1	....	....	....	....	....	..
	Males	11	3	.....	[d] 3	.....	.....	....	....	....	....	....	....	..
	Females	7	1	1	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	5	2	2	.....	.....	1	....	....	....	....	....	..
	Unknown	2	1	.....	.....	[c] 1	.....	....	....	....	....	....	....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."

[b] 1 pair Indian.
[c] 1 pair still-born.
[d] 1 male still-born.
[e] 1 female still-born.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876.[a]										
				NATIVE.		FOREIGN.				MOTHER UNK.		FATHER UNK.		
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Father. Native.	Father. Foreign.	Mother. Native.	Mother. Foreign.	Both Unknown.
Iosco	Males	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]1
Isabella	Total	4	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	..
	Males	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
Jackson	Total	22	11	2	3	2	.....	2	1	1	.....	.....	.....	..
	Males	13	3	.....	[c]1	.....	.....	1	1	.....	.....	.....	.....	..
	Females	9	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	..
	One of each	.....	7	2	2	2	.....	1	.....	.....	.....	.....	.....	..
Kalamazoo	Total	12	6	3	1	.....	.....	.....	1	.....	1	.....	.....	..
	Males	8	3	1	1	.....	.....	.....	1	.....	.....	.....	.....	..
	Females	4	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	..
	One of each	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Kalkaska	Total	4	2	.....	1	.....	.....	1	.....	.....	.....	.....	.....	..
	Males	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	..
Kent	Total	48	24	1	5	11	.....	6	1	.....	.....	.....	.....	..
	Males	24	7	.....	1	[c]3	.....	3	.....	.....	.....	.....	.....	..
	Females	24	7	1	.....	[d]4	.....	2	.....	.....	.....	.....	.....	..
	One of each	.....	10	.....	4	4	.....	1	1	.....	.....	.....	.....	..
Keweenaw	Total	12	6	.....	.....	4	1	.....	.....	.....	.....	.....	.....	1
	Males	7	3	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	..
	Females	5	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[e]1
Lake	Total	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	Males	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 male still-born.
[c] 1 pair still-born.
[d] 1 pair unknown sex.
[e] 1 pair color unknown.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876.[a]										
				NATIVE.		FOREIGN.		Foreign Father and Native Mother.	Foreign Mother and Native Father.	MOTHER UNK.		FATHER UNK.		Both Unknown.
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.			Father.		Mother.		
										Native.	Foreign.	Native.	Foreign.	
Lapeer	Total	10	5	1	1	1	.....	2	....	....	....	....	....	..
	Males	4	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	Females	6	1	.....	.....	[b] 1	.....	....	....	....	....	....	....	..
	One of each	.....	4	1	1	.....	.....	2	....	....	....	....	....	..
Leelanaw	Total	4	2	.....	2	.....	.....	....	....	....	....	....	....	..
	Males	1	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	Females	3	1	.....	1	.....	.....	....	....	....	....	....	....	..
	One of each	.....	1	.....	1	.....	.....	....	....	....	....	....	....	..
Lenawee	Total	12	6	1	3	1	.....	1	....	....	....	....	....	..
	Males	6	1	1	.....	.....	.....	....	....	....	....	....	....	..
	Females	6	1	.....	.....	.....	.....	1	....	....	....	....	....	..
	One of each	.....	4	.....	[c] 3	1	.....	....	....	....	....	....	....	..
Livingston	Total	10	5	2	3	.....	.....	....	....	....	....			..
	Males	4	1	.....	1	.....	.....	....	....		.....			..
	Females	6	2	1	1	.....	.....	....	....	..				..
	One of each	.....	2	1	1	.....	.....	....	....	..				..
Macomb	Total	10	5	2	.....	3	.....	....	....	..				..
	Males	6	1	.....	.....	[d] 1	.....	....	....	..				..
	Females	4	.....	.....	.....	.....	.....	....	....	..				..
	One of each	.....	4	[e] 2	.....	[c] 2	.....	....	....	..				..
Manistee	Total	8	4	.....	.....	4	.....	....	....	..				..
	Males	5	1	.....	.....	1	.....	....	....	..				..
	Females	3	.....	.....	.....	.....	.....	....	....	..				..
	One of each	.....	3	.....	.....	3	.....	....	....	..				..
Marquette	Total	16	8	.....	.....	7	1	....	....	..				..
	Males	10	4	.....	.....	4	.....	....	....	..				..
	Females	6	2	.....	.....	1	1	....	....	..				..
	One of each	.....	2	.....	.....	[b] 2	.....	....	....	..				..
Mason	Total	6	3	1	.....	1	1	....	....	..				..
	Males	3	1	.....	.....	.....	1	....	....	..				..
	Females	3	1	.....	.....	1	.....	....	....	..				..
	One of each	.....	1	1	.....	.....	.....	....	....	..				..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 female still-born. [c] 1 pair still-born. [d] 1 male still-born. [e] 1 pair illegitimate.

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TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876. [a]										
				NATIVE.		FOREIGN.				MOTHER UNK.		FATHER UNK.		
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Father. Native.	Father. Foreign	Mother. Native.	Mother. Foreign.	Both Unknown.
Mecosta	Total	8	4	2	.....	.....	.....	1	1	.....	.....	.....	.....	..
	Males	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	7	3	1	.....	.....	.....	.....	1	.....	.....	.....	.....	..
	One of each	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Menominee	Total	6	3	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	..
	Males	5	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
	Females	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
Midland	Females	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
Monroe	Total	12	6	2	2	.....	.....	1	1	.....	.....	.....	.....	..
	Males	6	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	6	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	4	1	1	.....	.....	1	1	.....	.....	.....	.....	..
Montcalm	Total	16	8	.....	2	5	.....	1	.....	.....	.....	.....	.....	..
	Males	5	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	11	5	.....	.....	4	.....	1	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
Muskegon	Total	10	5	1	1	2	.....	1	.....	.....	.....	.....	.....	..
	Males	6	3	1	[c] 1	1	.....	.....	.....	.....	.....	.....	.....	..
	Females	4	2	.....	.....	1	.....	[d] 1	.....	.....	.....	.....	.....	..
	One of each	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Newaygo	Total	4	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	..
	Males	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	..
Oakland	Total	18	9	2	3	2	.....	2	.....	.....	.....	.....	.....	..
	Males	9	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	..
	Females	9	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	..
	One of each	.....	5	1	1	1	.....	2	.....	.....	.....	.....	.....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 female still born.
[c] 1 pair illegitimate.
[d] 1 pair still-born.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876. [a]										
				NATIVE.		FOREIGN.				MOTHER UNK.		FATHER UNK.		
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Father.		Mother.		Both Unknown.
										Native.	Foreign.	Native.	Foreign.	
Oceana	Total	12	6	1	3	----	----	1	----	----	----	1	----	----
	Males	6	2	1	----	----	----	1	----	----	----	----	----	----
	Females	6	2	----	2	----	----	----	----	----	----	----	----	----
	One of each	----	2	----	1	----	----	----	----	----	----	1	----	----
Ontonagon	Males	2	1	----	----	[b] 1	----	----	----	----	----	----	----	----
Osceola	Total	6	3	----	1	2	----	----	----	----	----	----	----	----
	Males	1	----	----	----	----	----	----	----	----	----	----	----	----
	Females	5	2	----	1	1	----	----	----	----	----	----	----	----
	One of each	----	1	----	----	1	----	----	----	----	----	----	----	----
Otsego	Females	2	1	1	----	----	----	----	----	----	----	----	----	----
Ottawa	Total	20	10	2	1	5	----	2	----	----	----	----	----	----
	Males	11	3	----	1	1	----	1	----	----	----	----	----	----
	Females	9	2	2	----	----	----	----	----	----	----	----	----	----
	One of each	----	5	----	----	4	----	1	----	----	----	----	----	----
Presque Isle	Total	2	1	----	----	1	----	----	----	----	----	----	----	----
	Males	1	----	----	----	----	----	----	----	----	----	----	----	----
	Females	1	----	----	----	----	----	----	----	----	----	----	----	----
	One of each	----	1	----	----	1	----	----	----	----	----	----	----	----
Saginaw	Total	32	16	5	1	7	----	1	----	----	----	----	----	2
	Males	16	[b] 5	[b] 2	----	3	----	----	----	----	----	----	----	----
	Females	14	[c] 4	1	----	[c] 2	----	----	----	----	----	----	----	1
	One of each	----	[d] 6	2	1	[d] 2	----	1	----	----	----	----	----	----
	Unknown	2	[b] 1	----	----	----	----	----	----	----	----	----	----	[b]1
Sanilac	Total	8	4	----	----	1	2	1	----	----	----	----	----	----
	Males	2	1	----	----	1	----	----	----	----	----	----	----	----
	Females	6	3	----	----	----	2	1	----	----	----	----	----	----
Shiawassee	Total	18	9	1	2	2	2	1	1	----	----	----	----	----
	Males	9	[e] 4	----	1	[e] 2	----	----	1	----	----	----	----	----
	Females	9	4	1	----	----	2	1	----	----	----	----	----	----
	One of each	----	1	----	1	----	----	----	----	----	----	----	----	----

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 pair still-born.
[c] 1 half-pair unknown sex.
[d] 2 pairs still-born.
[e] 1 pair and 1 male still-born.

TABLE XII.—CONTINUED.—*Parent-Nativity of Twins.*

COUNTIES.	SEX.	Number of Individuals.	Number of Pairs of Twins, 1876.	NATIVITY OF PARENTS OF TWINS, 1876. [a]									
				NATIVE.		FOREIGN.		Foreign Father and Native Mother.	Foreign Mother and Native Father.	MOTHER UNK.		FATHER UNK.		Both Unknown.
				Both Parents from Same State.	From Different States.	Both from Same Country.	From Different Countries.			Father.		Mother.		
										Native.	Foreign.	Native.	Foreign.	
St. Clair	Total	40	20	4	.....	9	2	3	1	1	....	....	....	..
	Males	13	2	1	.....	.....	.....	....	....	1	....	....	....	..
	Females	27	[b] 9	3	.....	4	[b] 1	1	....	....	....	....	....	..
	One of each	.....	9	.....	.....	5	1	2	1	....	....	....	....	..
St. Joseph	Total	16	8	4	2	.....	.....	1	1	....	....	....	....	..
	Males	5	2	1	1	.....	.....	....	....	....	....	....	....	..
	Females	11	5	2	1	.....	.....	1	1	....	....	....	....	..
	One of each	.....	1	1	.....	.....	.....	....	....	....	....	....	....	..
Tuscola	Total	8	4	2	2	.....	.....	....	....	....	....	....	....	..
	Males	6	3	1	2	.....	.....	....	....	....	....	....	....	..
	Females	2	1	1	.....	.....	.....	....	....	....	....	....	....	..
Van Buren	Total	18	9	1	5	1	.....	2	....	....	....	....	....	..
	Males	3	1	.....	1	.....	.....	....	....	....	....	....	....	..
	Females	15	7	1	3	1	.....	2	....	....	....	....	....	..
	One of each	.....	1	.....	1	.....	.....	....	....	....	....	....	....	..
Washtenaw	Total	18	9	3	1	1	.....	3	....	....	....	1	....	..
	Males	9	2	1	.....	1	.....	....	....	....	....	....	....	..
	Females	9	2	1	1	.....	.....	....	....	....	....	....	....	..
	One of each	.....	5	1	.....	.....	.....	3	....	....	....	1	....	..
Wayne	Total	74	37	6	3	17	3	6	....	....	....	1	....	1
	Males	41	[c] 12	1	[d] 2	[d] 6	1	1	....	....	....	....	....	[c]1
	Females	33	[d] 8	1	.....	2	2	[d] 3	....	....	....	....	....	..
	One of each	.....	[e] 17	4	1	[e] 9	.....	2	....	....	....	[c] 1	....	..
Wexford	Total	2	1	.....	.....	1	.....	....	....	....	....	....	....	..
	Males	1	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	Females	1	.....	.....	.....	.....	.....	....	....	....	....	....	....	..
	One of each	.....	1	.....	.....	1	.....	....	....	....	....	....	....	..

[a] "Native" includes only those born in the United States. Those cases in which the birthplace was returned as "America" were compiled with the "Unknown."
[b] 1 female still-born.
[c] 1 pair illegitimate.
[d] 1 pair still-born.
[e] 1 pair black.

TABLE XIII.—*Occupations of Fathers of Twins Born in Michigan during the Year 1876, according to the Returns.*

OCCUPATIONS OF FATHERS OF TWINS, 1876.	Pairs of Twins.	OCCUPATIONS OF FATHERS OF TWINS, 1876.	Pairs of Twins.
ALL OCCUPATIONS	428	Masons	1
		Mechanics	4
Agents	1	Merchants	2
Bankers	1	Mill Hands	1
Blacksmiths	5	Millers	1
Boarding-house keepers	1	Miners	13
Brickmakers	1	Ministers	5
Builders	1	Moulders	1
Butchers	4	Organ Manufacturers	1
Cabinet-makers	2	Painters	1
Carpenters	11	Peddlers	3
Carpenters and Joiners	1	Physicians	3
Civil Engineers	1	Potters	1
Clerks	6	Policemen	2
Comedians	1	Railroad Laborers	1
Conductors	1	Railroad Masters	1
Contractors	1	Railroad Superintendents	1
Cooks	1	Sailors	4
Coopers	4	Saloon-keepers	3
Draymen	1	Sawyers	1
Druggists	2	Shoemakers	3
Engineers	3	Showmen	1
Farmers	217	Slaters	1
Farm Laborers	5	Speculators	2
Fishermen	1	Stage-managers	1
Gardeners	2	Store-keepers	2
Gas Men	1	Tailors	1
Grocers	2	Teachers	1
Harness-makers	2	Teamsters	3
Hotel-keepers	1	Tinsmiths	2
Joiners	1	Turners	1
Laborers	61	Unknown	8
Lawyers	2	Wagon-makers	3
Lumbermen	1	Ware-house Men	
Lumber Inspectors	1	Whisky Manufacturers	1
Machinists	1		

TRIPLET CHILDREN, 1876.

Eight sets of Triplets were returned as having been born in Michigan in 1876,—a larger number than for any previous year. Of these 24 children, 12 were males and 12 were females. Seven of the eight sets were born during the three spring months—March, April, May—and one set was born in July.

TABLE XIX.—*Exhibiting the Details concerning Triplet Children Returned as having been Born in Michigan during the Year 1876.*

COUNTIES.	TRIPLET CHILDREN, 1876.				PARENTS OF TRIPLETS, 1876.		
	Month of Birth, 1876.	Color.	SEX.		Birthplace of Father.	Birthplace of Mother.	Occupation of Father.
			Males.	Females.			
Branch	May	White	1	2	New York	New York	Farmer.
Genesee	April	White	2	1	England	New York	Farmer.
Genesee	February	White	.....	3	New York	Michigan	Carpenter.
Grand Traverse	May	White	1	2	New York	New York	Farmer.
Hillsdale	May	White	1	2	Ohio	Ohio	Laborer.
Monroe	May	White	3	.....	Germany	Germany	Laborer.
Muskegon	July	White	* 3	.....	Holland	Holland	Laborer.
Newaygo	March	White	1	2	Vermont	Vermont	Farmer.

* Still-born.

STILL-BIRTHS, 1876.

Six hundred and forty-six (646) still-born children were returned for 1876,—a larger number than has been returned since the registration and return of vital statistics in this State began. According to Exhibit 6, 1.89 per cent of all the children born in 1876 were still-born, and 1.83 per cent of all the mothers who bore children bore still-births. These proportions are smaller than those for 1875, but larger than those for any other previous year. In 1876 a larger proportion of the foreign-born than of the native-born mothers bore dead children, as shown by Exhibit 7; this is true for each year except 1873, in which year the per cent was the same for the native as for the foreign-born. In 1876, a very much larger proportion of the black mothers bore still-born children than of mothers of any other color.

EXHIBIT 6.—*The Relation of Still-births to all Children Returned as having been Born in Michigan during the several Years 1868 to 1876, inclusive, and of the Mothers of Still-born Children to all Mothers Returned as having Borne Children during each of the Years 1871, 1872, 1873, 1874, 1875 and 1876.*

CHILDREN AND MOTHERS.	TOTAL BIRTHS AND STILL BIRTHS.								
	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.
All Children born	19,171	27,003	26,663	25,992	27,993	34,608	31,151	31,958	34,235
Still-born Children	[a] 46	[a] 141	[a] 74	[a] 88	[a] 301	[a] 348	464	629	646
Per Cent of Still-born to Total	.23	.52	.28	.34	1.08	1.01	1.49	1.97	1.89
All Mothers				25,688	27,641	34,180	30,739	31,586	33,791
Mothers of Still-born Children				[a] 86	[a] 293	[a] 333	454	613	620
Per Cent of Mothers of Still-born to all Mothers				.33	1.06	.97	1.48	1.94	1.83

[a] As per returns of births.

EXHIBIT 7.—*By Nativity and Color, the Number and Proportion of Mothers having Still-births in Michigan during each of the Years 1874 to 1876, inclusive, according to the Returns.*

NATIVITY AND COLOR OF MOTHERS.	1874.			1875.			1876.		
	Mothers having Still-births.	Whole No. of Moth'rs, including those of Still-births.	Per Cent of Mothers of Still-births to all Moth'rs.	Mothers having Still-births.	Whole No. of Moth'rs, including those of Still-births.	Per Cent of Mothers of Still-births to all Moth'rs.	Mothers having Still-births.	Whole No. of Moth'rs, including those of Still-births.	Per Cent of Mothers of Still-births to all Moth'rs.
Mothers of all colors and all nativities	454	30,739	1.48	613	31,586	1.94	620	33,791	1.83
All native mothers	214	16,452	1.30	299	17,510	1.71	277	19,086	1.45
All foreign mothers	176	12,210	1.44	239	12,777	1.87	268	13,679	1.96
Mothers of unknown nativities	64	2,077	3.08	75	1,299	5.77	75	1,026	7.31
White	438	30,238	1.45	593	31,147	1.90	595	33,273	1.79
Black	3	145	2.07	3	112	2.68	7	139	5.04
Mulatto	1	81	1.23	6	89	6.74	2	88	2.27
Indian	2	139	1.44	.....	136	.....	2	139	1.44
Unknown	10	136	7.35	11	102	10.78	14	152	9.21
Black and Mulatto	4	226	1.77	9	201	4.48	9	227	3.96

EXHIBIT 11.—*Occupations of Fathers of Still-born Children in Michigan in 1876, according to the Returns.*

FATHERS.	CHILDREN.			FATHERS.	CHILDREN.		
OCCUPATIONS.	Male.	Female.	Unk.	OCCUPATIONS.	Male.	Female.	Unk.
Agents	----	1	----	Mechanics	4	2	----
Agricultural Implement Dealers	----	1	----	Merchants	4	2	----
Artists	1	1	----	Messengers	----	1	----
Bakers	1	----	----	Miners	15	13	2
Bar-tenders	1	----	----	Ministers	1	1	----
Blacksmiths	6	2	----	Mill-hands	1	----	----
Boiler-makers	----	1	----	Moulders	1	1	----
Brewers	1	----	----	Musicians	1	1	----
Brick-makers	1	----	----	Painters	4	----	----
Brick-layers	1	----	----	Peddlers	1	----	----
Builders	----	1	----	Physicians	1	3	----
Butchers	3	3	----	Plumbers	1	----	----
Carpenters	10	4	----	Policemen	----	2	----
Carriage-makers	1	----	----	Porters	1	----	----
Chimney Sweeps	1	----	----	Potters	1	1	----
Clerks	2	2	----	Poultry Dealers	----	1	----
Comedians	2	----	----	Produce Dealers	1	----	1
Commissioners	1	----	----	Railroad Agents	1	----	----
Conductors	1	1	----	Railroad Laborers	1	1	1
Constables	1	----	----	Sailors	----	1	----
Contractors	1	----	----	Saloon-keepers	1	3	----
Cooks	----	1	----	Sawyers	1	----	----
Coopers	3	1	----	Shingle-makers	----	1	----
Copper-smelters	1	----	----	Shoe-makers	6	1	----
Draymen	3	----	----	Steamboat Men	1	----	----
Engineers	5	2	----	Stone-cutters	----	1	----
Farmers	137	124	10	Stone-masons	1	----	----
Furniture-finishers	1	----	----	Tailors	1	1	----
Gardeners	----	1	----	Tanners	1	----	----
Grocers	2	1	----	Teamsters	2	3	----
Harness-makers	1	----	----	Teachers	1	----	----
Hoop-makers	2	----	----	Telegraph-operators	1	----	----
Hotel-keepers	2	----	----	Tin-smiths	1	----	----
Hucksters	1	----	----	Unemployed	1	----	----
Laborers	63	39	13	Unknown	31	24	4
Landlords	----	1	----	Victualers	----	1	----
Lawyers	2	----	----	Wagon-makers	1	1	----
Livery-keepers	1	----	----	Wheelwrights	----	1	----
Lumbermen	3	1	1	Wood-choppers	1	----	----
Machinists	2	1	----	Wood-turners	1	----	----
Masons	1	2	----				

Exhibit 11 is a new one, published in this Report for the first time, and shows the occupations of the fathers of still-born children born in Michigan in 1876, according to the returns. Of the 587 fathers whose occupations were stated, 430 were Carpenters, Farmers, Laborers, and Miners,—occupations which require hard manual labor. From this exhibit something may be inferred concerning the surroundings and treatment of the wives of these classes of people, their comforts, hygienic intelligence and care for themselves and their offspring.

The parent-nativity of still-born children in 1876 may be studied in Table XV., below, in which it may be seen that 52.17 per cent of the parents were natives of the same state or country; and 39.16 per cent were foreign-born, against 34.05 per cent who were native-born. Table XV. may be compared with Table XI., page 44.

TABLE XV.—*Parent-Nativity of Still-born Children,—Exhibiting, by Sex, the Number and Per Cent of Total Number Returned as having been Born in Michigan during the Year 1876, of Parents who were Natives of the Same and of Different States or Countries.*

NATIVITY OF PARENTS OF STILL-BIRTHS, 1876.	STILL-BORN CHILDREN, 1876.							
	NUMBER.				PER CENT OF EACH PARENT-NATIVITY TO TOTAL OF ALL NATIVITIES.			
	Total.	Males.	Females.	Unkno'n.	Total.	Males.	Females.	Unknown.
All Nativities	646	356	258	32	100.00	100.00	100.00	100.00
Same American State or Foreign Country	337	193	130	14	52.17	54.21	50.39	43.75
Different American States or Foreign Countries	136	[a] 78	52	6	21.05	21.91	20.16	18.75
Foreign Father and Native Mother	63	31	32	.....	9.75	8.71	12.40	.....
Foreign Mother and Native Father	27	10	14	3	4.18	2.81	5.43	9.38
Unknown Mother, Father Native	8	5	3	.....	1.24	1.40	1.16	.....
Unknown Mother, Father Foreign	4	3	1	.....	.62	.84	.39	.....
Unknown Father, Mother Native	5	2	3	.....	.77	.56	1.16	.....
Unknown Father, Mother Foreign	1	1	.....	.....	.15	.28	.....	.....
Both Unknown	65	33	23	9	10.06	9.27	8.91	28.12
Different States or Countries	226	119	96	9	34.98	33.43	37.98	28.12
Native	220	128	84	8	34.05	35.96	32.79	25.00
Foreign	253	143	98	12	39.16	40.17	37.98	37.50

[a] Includes one "Foreign."

TABLE XIV.—*Exhibiting, by Sex, the Parent-Nativity, and by Sex and Months, the Number of Still-births in Michigan during the Year 1876, according to the Returns.*

SEX.	Year, 1876.	MONTHS, 1876.												NATIVITY OF PARENTS OF STILL-BIRTHS, 1876.																
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Parents Born in Michigan.		Native.			Foreign.					Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unk.		Father Unk.		Both Unknown.
															Father.	Mother.	Total.	Same State.	Different States.	Total.	Same Country.	Different Countries.	Unknown.			Father.		Mother.		
																										Native.	Foreign.	Native.	Foreign.	
Total	532	43	46	56	48	51	54	50	59	58	47	67	69	1	108	164	220	119	101	253	218	34	1	63	27	8	4	5	1	65
Males	266	22	27	24	25	32	34	28	33	31	30	33	34	....	61	89	128	68	60	143	125	17	1	31	10	5	3	2	1	33
Females	256	17	14	24	21	19	16	21	22	25	16	29	29	1	40	71	84	49	35	98	81	17	....	32	14	3	1	3	....	23
Unknown	10	4	5	8	2	....	4	1	4	2	1	5	6	....	7	4	8	2	6	12	12	....	....	....	3	....	....	....	....	9

* 8 pairs and 4 half pairs male twins, 6 pairs and 4 half pairs female twins, 8 pairs one of each sex, and 2 pairs twins unknown sex.
† 1 twin children, 6 illegitimate, 1 set triplets, 3 Black, 1 "Colored," 2 Mulatto, 1 Indian, and 3 color unknown.
‡ "Europe." 4 1 male, father "America." § 3 twin children, 2 Black, 1 Indian, and 2 color unknown.
‖ 1 female "America." ¤ 1 Black, and 9 color unknown.

ILLEGITIMATE CHILDREN, 1876.

During the year 1876, according to the returns of births, 266 illegitimate children were born in this State,—a larger number than has been heretofore returned, except for the year 1873. The average annual number for the nine years 1868–1876, as obtained from Exhibit 8 (in this and in the preceding Report), is 199; and in only three of these years was there more than this average number of illegitimates, those three being 1873, 1874, and 1876. The number of illegitimate children in 1876 was .78 per cent of the total number of children born; this is the largest proportion shown for any year except 1873, when .81 per cent of all the children born were illegitimate. The per cent of mothers of illegitimate children to all mothers in 1876 is greatest among the Mulatto mothers, it being 7.95, as shown by Exhibit 9; but if we combine the Black and Mulatto mothers, as is done in this exhibit, it will appear that the largest proportion of mothers in 1876 who bore illegitimate children is shown for the Indians, it being 6.47 per cent of all the Indian mothers. The nativity of only 40 of the mothers was not given, whereas of 179 fathers the nativity was not stated, and in nearly all of these cases the names of the

fathers were omitted. A very large proportion of the mothers were foreign-born, as shown by Table XVIII., on a following page. In 1876 there were 133 males to 100 females, but as to the proportion of the sexes among illegitimate children, the tables for the preceding years show there is no uniform rule in this State. The proportion of each sex among those of each color is shown for 1876 in Table XVII.

EXHIBIT 8.—*The Relation of the Illegitimate Children to All Children Returned as having been Born during the several Years 1869 to 1876, inclusive, and of Mothers of Illegitimates to All Mothers Returned as having Borne Children in Michigan, during the years 1871 to 1876, inclusive.*

CHILDREN AND MOTHERS.	TOTAL BIRTHS AND ILLEGITIMATES.							
	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.
All Children born	27,093	26,663	25,992	27,993	34,608	31,151	31,958	34,235
Illegitimate Children	137	155	183	199	316	236	193	266
Per Cent of Illegitimate to Total	.51	.58	.70	.71	.91	.76	.60	.78
All Mothers	.....	.....	25,688	27,641	34,180	30,739	31,586	33,791
Mothers of Illegitimate Children	.....	.....	181	195	314	236	192	262
Per Cent of Mothers of Illegitimates to All Mothers	.....	.....	.70	.71	.92	.77	.61	.78

EXHIBIT 9.—*By Nativity and Color, the Number and Proportion of Mothers of Illegitimate Children returned as having been Born in Michigan during the Years 1874 to 1876, inclusive.*

NATIVITY AND COLOR OF MOTHERS.	1874.			1875.			1876.		
	Mothers having Illegitimates.	Whole No. of Mothers including those of Illegitimates.	Per Ct. of Mothers of Illegitimates to all Moth'rs.	Mothers having Illegitimates.	Whole No. of Mothers including those of Illegitimates.	Per Ct. of Mothers of Illegitimates to all Moth'rs.	Mothers having Illegitimates.	Whole No. of Mothers including those of Illegitimates.	Per Ct. of Mothers of Illegitimates to all Moth'rs.
Mothers of all colors and all nativities	236	30,739	.77	192	31,586	.61	262	33,791	.78
All Native Mothers	110	16,452	.67	96	17,510	.55	170	19,086	.89
All Foreign Mothers	93	12,210	.76	81	12,777	.24	53	13,679	.39
Mothers of unknown nativities	33	2,077	1.59	65	1,299	5.00	39	1,026	3.80
White	217	30,238	.72	166	31,147	.53	243	33,273	.73
Black	7	145	4.83	8	112	7.14	3	139	2.16
Mulatto	3	81	3.70	3	89	3.37	7	88	7.95
Indian	* 9	139	6.47	15	136	11.03	9	139	6.47
Unknown	.....	136	.....	.....	102	.....	.....	152	.....
Black and Mulatto	10	226	4.41	11	201	5.47	10	227	4.41

* 4 White and Indian.

TABLE XVI. *Exhibiting, by Sex, the Total Number, Number by Months, and the Nativity of Parents of Illegitimate Children Born in Michigan, during the Year ending December 31, 1876, according to the Returns.*

Sex.	Total, 1876.	Months, 1876.													Nativity of Mothers of Illegitimates, 1876.							Nativity of Fathers of Illegitimates, 1876.							
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Native.			Foreign.				Native.			Foreign.			
															Total.	Born in Michigan.	Born in Other States.	Total.	Born in Canada.	Born in Other Countries.	Unknown.	Total.	Born in Michigan.	Born in Other States.	Total.	Born in Canada.	Born in Other Countries.	Unknown.
Total	358	30	31	30	41	34	27	34	34	23	21	26	31	1	173	135	438	53	27	26	40	64	42	22	23	10	13	179
Males	194	11	4	14	24	8	16	20	8	14	10	14	13	1	92	68	24	25	21	14	25	42	24	18	15	8	7	95
Females	164	8	4	16	17	7	11	4	8	4	9	11	18	..	81	67	14	18	6	12	15	22	18	4	8	2	6	84

[a] 4 males still born, 2 pairs male twins, and 2 pairs twins one of each sex.
[b] 1 male and 1 female "United States."
[c] 1 male "Canada."
[d] 1 Black, 2 Mulatto, 1 Indian, and 1 White and Indian.
[e] 1 Black, 1 Mulatto, 1 Indian, and 1 White and Indian.

TABLE XVII.—*Exhibiting, by Color and by Sex, the Number of Illegitimate Children Returned as having been Born in Michigan during the Year 1876; also the Per Cent of each Sex to the Total of Both Sexes.*

COLOR OR RACE.	SEX.	Total Illegitimate Births 1876.	Per Cent of each Sex to Total of Both Sexes.
All Colors	Total	266	.....
	Males	152	57.14
	Females	114	42.86
White	Total	247	.....
	Males	143	57.89
	Females	104	42.11
Black	Total	3	.....
	Males	1	33.33
	Females	2	66.67
Mulatto	Total	7	.....
	Males	3	42.86
	Females	4	57.14
Indian	Total	9	.....
	Males	5	55.56
	Females	4	44.44
Black and Mulatto	Total	10	.....
	Males	4	40.00
	Females	6	60.00

TABLE XVIII.—*Exhibiting the Number of Males to 100 Females, and by Sex the Number and Per Cent of Total Number of Illegitimate Children Born of Native and of Foreign-born Parents, in Michigan, during the Year 1876, according to the Returns.*

NATIVITY OF PARENTS.		Illegitimate Children Born in 1876.						
		Males to 100 Females.	Number.			Per Cent of Total.		
			Total.	Males.	Females.	Total.	Males.	Females.
All Nativities		133	266	152	114	100.00	100.00	100.00
Mothers	Native	114	173	92	81	65.04	60.52	71.05
	Foreign	194	53	35	18	19.92	23.03	15.79
	Unknown	167	40	25	15	15.04	16.45	13.16
Fathers	Native	191	64	42	22	24.06	27.63	19.30
	Foreign	188	23	15	8	8.65	9.87	7.02
	Unknown	113	179	95	84	67.29	62.50	73.68

TABLE XX.—*Exhibiting the Number of Males to 100 Females among Twin Children, and the Number of Illegitimate and Still-born Children, Born during the Year 1876.*

STATE AND COUNTIES.	Twin Children,—Number of Males to 100 Females.	Number of Illegitimate Children born in 1876.	Number of Still-births in 1876.	COUNTIES.	Twin Children,—Number of Males to 100 Females.	Number of Illegitimate Children born in 1876.	Number of Still-births in 1876.
State	92	266	646	Keweenaw	140	3	10
				Lake	100	----	3
Allegan	45	8	14	Lapeer	67	5	6
Alpena	500	----	7	Leelanaw	33	1	1
Antrim	----	----	4	Lenawee	100	4	13
Baraga	[a]	1	----	Livingston	67	----	5
Barry	60	3	12	Mackinac	----	1	----
Bay	87	6	20	Macomb	150	3	12
Benzie	----	----	3	Manistee	167	5	6
Berrien	86	5	15	Marquette	167	3	19
Branch	118	1	10	Mason	100	1	3
Calhoun	100	2	7	Mecosta	14	1	2
Cass	100	4	9	Menominee	500	----	----
Cheboygan	----	1	1	Midland	[a]	1	2
Chippewa	33	2	1	Monroe	100	2	8
Clare	----	----	3	Montcalm	45	8	6
Clinton	33	3	6	Muskegon	150	2	15
Delta	100	1	----	Newaygo	300	----	4
Eaton	83	6	5	Oakland	100	5	8
Emmet	[b]	5	4	Oceana	100	1	5
Genesee	500	3	2	Ontonagon	[b]	----	2
Gladwin	[b]	----	----	Osceola	20	2	8
Grand Traverse	50	1	3	Otsego	[a]	----	----
Gratiot	[b]	1	10	Ottawa	122	9	21
Hillsdale	133	2	9	Presque Isle	100	1	----
Houghton	133	8	21	Saginaw	114	6	31
Huron	16	2	11	Sanilac	33	4	12
Ingham	75	2	6	Shiawassee	100	1	6
Ionia	157	4	10	St. Clair	48	9	11
Iosco	[b]	----	5	St. Joseph	45	6	10
Isabella	300	2	2	Tuscola	300	5	9
Jackson	144	1	20	Van Buren	20	8	11
Kalamazoo	200	3	10	Washtenaw	100	3	18
Kalkaska	300	----	2	Wayne	124	82	110
Kent	100	7	33	Wexford	100	----	2

[a] No males.

[b] No females.

TOWNSHIPS IN WHICH THERE WERE NO BIRTHS IN 1876.

Exhibit 10 contains the names of the townships in this State in which it is reported that no births occurred in 1876, and shows the population of each, so far as stated in the "Census of Michigan, 1874," and the counties in which they are located. It seems hardly credible, however, that in the township of Clay Banks, Oceana county, there should not occur any births, when the population is reported to be 562 in 1874.

EXHIBIT 10.—*Townships in which it is Reported that there were No Births in 1876.*

COUNTIES.	TOWNSHIPS REPORTED AS HAVING NO BIRTHS IN 1876.	POPULATION, 1874.		
		Total.	Males.	Females.
Total		728	405	323
Bay	Mason[a]			
	Moffit[a]			
Benzie	Weldon	53	28	25
Lake	Dover[a]			
Manistee	Springdale	49	28	21
Missaukee	West Branch	64	52	12
Oceana	Clay Banks	562	297	265
Ogemaw	Churchill[a]			
	Ogemaw[a]			
	Rose[a]			
Roscommon	Denton[a]			
Wexford	Boon[a]			

[a] Organized since census was taken.

There were 27 townships in this State from which no returns of births were received at this Department for the year 1876. This is 27 more than there should be, as every supervisor should make proper returns to the county clerk, even if there were no births or deaths in his township, and every county clerk should make a proper return of the same to this Department. In Muskegon county alone there were eight delinquent townships in 1876,—one-half of all the townships in the county, and nearly one-third of all the delinquent townships in the State. Table XXI. shows the delinquent townships in 1876, the population of each in 1874, so far as stated in the Census, and the counties in which they are located.

TABLE XXI.—*Exhibiting the Counties and Townships from which no Returns of Births in 1876 were received, and the Number of Inhabitants, in 1874, in such Counties and Townships.*

COUNTIES.	TOWNSHIPS FROM WHICH NO RETURNS OF BIRTHS WERE RECEIVED FOR 1876.	POPULATION, 1874.		
		Total.	Males.	Females.
Total		13,858	7,467	6,391
Cheboygan	Nunda[a]			
Chippewa	Detour	221	131	90
	Sugar Island	332	173	159
Ionia	North Plains	1,803	948	855
Kalkaska	South Branch[a]			
	Springfield	169	90	79
Manitou	South Manitou[b]			
Monroe	Berlin	2,026	1,044	982
Montcalm	Home	93	51	42
Muskegon	Cedar Creek	291	165	126
	Dalton	425	239	186
	Eggleston	317	179	138
	Fruitport	373	212	161
	Montague	1,360	746	614
	Moorland	213	116	97
	Norton	392	241	151
	Ravenna	934	509	425
Newaygo	Beaver	200	119	81
	Brooks	1,180	633	547
Oakland	Holly	2,307	1,308	1,299
Ogemaw	Edwards[a]			
Otsego	Charlton[a]			
	Hayes[a]			
Schoolcraft	Manistique	301	195	106
	Onota	317	309	208
Wexford	Cadillac, 1st Ward[a]			
	Harring	220	129	91

[a] Organized since census was taken.
[b] Census not received.

SEX OF CHILDREN.

If there are general laws which control the sex of children, it would seem that statistics of the details concerning births, and studies of the varying conditions existing at time of conceptions, if comprehensive and continued sufficiently long, and studied with sufficient skill and care, should aid to a knowledge of such laws. For success in any such study, however, accurate statistics are needed, and accuracy in public statistics is exceedingly difficult of attainment; failing in accuracy, it is needful to have statistics concerning immense numbers of births, in order that accidental errors may tend to neutralize each other. Some of the errors in the statistics of births in Michigan are of a kind which it is believed will not spontaneously disappear in any study by months, even when exceedingly large numbers are used,—those referred to are caused by the delay in the enumeration of births, which results in omissions in all the months, but the omission of a greater proportion in some months than in others. This causes an error of a kind needing artificial correction, because it affects the statistics in every year, and the multiplication of statistics for series of years only adds the errors, if the study is still continued by months. It is possible that by studying the years as the months of a single year are usually studied, this error may disappear; but for this we must wait a long time; meantime an attempt is made to correct the statements in the returns so as to make them immediately available. Exhibit N, page 66, contains statements compiled directly from the returns. In Exhibit O, page 67, the births in unknown month, and of children the sex of whom is not returned, are omitted; the proportion of the sexes in each month is shown. In Exhibit P, page 68, the before-mentioned corrections are made, the months are made of uniform length, and the statistics made as near as is practicable of use for study in this connection.

Tables XXII., XXIII., XXIV., XXV., XXVI., XXVII., and XXVIII., on pages 66, 67, 68, 69, 70, 71, and 72, respectively, contain evidence bearing upon the subject of sex of children, and many items of interest relating to total births, twins, illegitimate children, and still-born children.

The subject of the conditions tending to influence the sex of offspring receives some evidence on preceding pages, under the head of "Twin Children," page 42, in comments on Table VI., pages 20–21, Table XVII., relative to illegitimate children, and comments on the same, pages 20–21, 42.

TABLE XXII.—*Exhibiting, by Months, the Relation between the Total Number of Conceptions during certain Months of the Years 1875-6, and the Proportion of each Sex Conceived during the same time and Born during the Year ending December 31, 1876, according to the Returns.*

CONCEPTIONS FOR BIRTHS IN 1876.[a]					
Months of 1875 and 1876 of Conceptions of Births in 1876, in order by number, the least first.		Total Number of Conceptions.[b]	Months of 1875 and 1876, in order by number of Males to 100 Females, the greatest first.		Number of Males to 100 Females.
Less than the Average Number of Conceptions.	April	2,240	More than the Average Proportion of Males.	December[c]	119
	May	2,464		May	113
	June	2,688		June	112
	July	2,767		July	112
	September	2,774		January, 1876[c]	111
	August	2,816		February, 1876[c]	111
Average		2,833		March, 1876[c]	109
More than the Average Number of Conceptions.	October	2,959	Average		106
	February, 1876	2,959	Less than the Average Proportion of Males.	September[c]	106
	January, 1876	2,980		August[c]	105
	November	3,061		October	104
	March, 1876	3,138		November	104
	December	3,152		April[c]	101

[a] Equalized to months of 30.44 days each, and excluding unknown sex and unknown month.
[b] For purposes of this study the time of conception is presumed to be nine calendar months previous to the month of birth.
[c] Exceptions to the proposition that *more* than the average proportion of males were conceived in months in which *less* than the average total number of conceptions occurred, and *vice versa*.

EXHIBIT N.—*Births Returned as having occurred in Michigan during the Year 1876, by Sex, and by Months Equalized to 30.44 days each.*

SEX.	YEAR, 1876.	MONTHS OF BIRTHS, EQUALIZED, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Total	[a]34,156	2,242	2,469	2,695	2,770	2,818	2,779	2,960	3,068	3,156	2,984	2,964	3,147	104
Males	17,713	1,128	1,305	1,422	1,462	1,444	1,430	1,505	1,563	1,643	1,566	1,555	1,637	53
Females	16,387	1,112	1,159	1,266	1,305	1,372	1,344	1,454	1,498	1,509	1,414	1,404	1,501	49
Unknown	56	2	5	7	3	2	5	1	7	4	4	5	9	2

[a] The number of births of each sex, and the total number, as equalized, do not equal the number of births as returned, because of the loss of fractions, and the unequal numbers in the several months, modified by addition and subtraction. The total number as equalized is 79 less than the total number returned (34,235).

TABLE XXIII.—*Exhibiting, by Months, the Relation between the Number of Conceptions and the Number of Males to 100 Females. Conceptions estimated from Births Corrected as if Enumerated in Months of Occurrence, and Equalized to Months of uniform length.*

CONCEPTIONS FOR BIRTHS IN 1876.[a]

	Months of 1875 and 1876 of Conceptions of Births in 1876, estimated from Births Corrected as if enumerated in months of occurrence, and equalized to months of uniform length. Months arranged in order by number, the least first.	Number of Conceptions as Corrected and Equalized.[b]		Months of 1875 and 1876 of Conceptions of Births in 1876, estimated from Births Corrected as if enumerated in months of occurrence, and equalized to months of uniform length. Months arranged in order by number of Males to 100 Females, greatest first.	Number of Males to 100 Females. Births Corrected and Equalized.
Less than the Average Number of Conceptions.	April	3,362	More than the Average Proportion of Males.	May[c]	134
	February, 1876	3,521		June	133
	March, 1876	3,633		July	132
	May	3,637			
	January, 1876	3,641	Average		124
	September	3,735	Less than the Average Proportion of Males.	September	123
Average		3,747		April	122
More than the Average Number of Conceptions.	August	3,880		August[c]	122
	June	3,882		December[c]	122
	October	3,887		January, 1876	122
	July	3,908		February, 1876	121
	November	3,926		October[c]	118
	December	3,948		November[c]	118
				March, 1876	117

[a] See note [b] to Table XXII., page 66. [b] Excluding unknown month and unknown sex.
[c] Exceptions to the proposition that *more* than the average proportion of males were conceived in months in which *more* than the average number of conceptions occurred, and *less* than the average proportion of males in months in which *less* than the average number of conceptions occurred.

EXHIBIT O.—*Births Returned as having occurred in Michigan during the Year 1876, by Sex, and by Months Equalized to 30.44 days each, and by Months the Excess of Males over Females, and the Number of Males to 100 Females. Unknown Sex and unknown Month excluded.*

SEX.	YEAR, 1876.	MONTHS OF BIRTHS, EQUALIZED, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Both Sexes	[a]33,998	2,240	2,464	2,688	2,767	2,816	2,774	2,959	3,061	3,152	2,980	2,959	3,138
Males	17,660	1,128	1,305	1,423	1,462	1,444	1,430	1,505	1,563	1,643	1,566	1,555	1,637
Females	16,338	1,112	1,159	1,266	1,305	1,372	1,344	1,454	1,498	1,509	1,414	1,404	1,501
Excess of Males	1,322	16	146	156	157	72	86	51	65	134	152	151	136
Males to 100 Females	108	101	113	112	112	105	106	104	104	119	111	111	109

[a] The number of births of each sex, and the total number of both sexes, as equalized, do not equal the number of births as returned, because of the loss of fractions, and the unequal numbers in the several months, modified by addition and subtraction. This table excludes births in unknown month and of unknown sex,—158. These and the 79 lost in equalizing, added to the number shown in this table, make the number as returned by registration officers (34,235).

TABLE XXIV.—*Exhibiting by Months, according to the Returns, the Relation between the Total Number of Conceptions, and the Total Number of Deaths which occurred in the Months of the Years 1875 and 1876 in which were Conceived the Children Born during the Year ending December 31, 1876.*

	DEATHS.			CONCEPTIONS.[a]	
	Months[b] of 1875 and 1876 of Conceptions of Births in 1876, arranged in order by total number of Deaths, the least first.	Number of Deaths as Equalized.		Months of 1875 and 1876 of Conceptions of Births in 1876, in order by number, the least first.	Number of Conceptions as Equalized.[a]
Less than the Average Number of Deaths.	January, 1876	673	Less than the Average No. of Conceptions.	April	2,242
	June	819		May	2,469
	February, 1876	840		June	2,695
	July	877		July	2,770
	November	942		September	2,779
	March, 1876	958		August	2,818
Average		973	Average		2,838
More than the Average Number of Deaths.	May	1,004	More than the Average No. of Conceptions.	October	2,960
	April	1,017		February, 1876	2,964
	December	1,046		January, 1876	2,984
	October	1,061		November	3,068
	August	1,200		March, 1876	3,147
	September	1,237		December	3,156

[a] See note [b] to Table XXII., page 66.
[b] Equalized to months of 30.44 days each, excluding unknown month.

EXHIBIT P.—*Births Returned as having occurred in Michigan during the Year 1876, by Sex and by Months, Corrected for Omissions in Enumerating, Equalized for Increase of Population during the Year covered by the Returns, and as thus corrected and Equalized for the several Months, Equalized for Months of 30.44 days each.*

SEX.	YEAR, 1876.	MONTHS OF BIRTHS, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Both Sexes..	45,987	3,504	3,777	4,019	4,032	3,969	3,827	3,969	3,994	4,004	3,681	3,545	3,646
Males.....	25,419	1,927	2,166	2,294	2,290	2,196	2,107	2,148	2,161	2,197	2,025	1,989	1,989
Females.....	20,568	1,577	1,611	1,725	1,742	1,793	1,720	1,821	1,833	1,807	1,656	1,606	1,677

TABLE XXV.—*Exhibiting the Relation, by Months, between the Number of Conceptions and the Number of Deaths; the Number of Deaths and Births Returned from which Conceptions are estimated being Corrected as if Enumerated in Months of Occurrence, and Equalized to Months of uniform length.*

	DEATHS.			CONCEPTIONS. [a]	
	Months of 1875 and 1876 of Conceptions of Births in 1876, arranged in order by number of Deaths, the least first. Deaths Corrected as if enumerated in months of occurrence, and equalized to months of uniform length.	Number of Deaths as Corrected and Equalized.		Months of 1875 and 1876 of Conceptions of Births in 1876, estimated from Births Corrected as if enumerated in months of occurrence, and equalized to months of uniform length. Months arranged in order by number, the least number first.	Number of Conceptions as Corrected and Equalized. [b]
Less than the Average Number of Deaths.	January, 1876	1,170	Less than the Average No. of Conceptions.	April	3,368
	November	1,186		February, 1876	3,526
	June	1,210		March, 1876	3,641
	July	1,257		May	3,632
	December	1,273		January, 1876	3,640
	October	1,383		September	3,739
Average		1,411	Average		3,748
More than the Average Number of Deaths.	February, 1876	1,422	More than the Average No. of Conceptions.	August	3,880
	May	1,526		June	3,879
	March, 1876	1,577		October	3,888
	April	1,591		July	3,900
	September	1,666		November	3,935
	August	1,668		December	3,948

[a] See note [b] to Table XXII., page 66.
[b] Excluding unknown month.

TABLE XXVI.—*Exhibiting by Months, the Relation between the Number of Deaths and the Proportion of each Sex Conceived during the same Months of the Years 1875 and 1876; the Number of Deaths and the Number of Births Returned from which Conceptions are estimated being Corrected as if Enumerated in Months of Occurrence, and Equalized to Months of uniform length.*

DEATHS.			CONCEPTIONS.[a]		
	Months of 1875 and 1876 of Conceptions of Births in 1876, arranged in order by number of Deaths, least first. Deaths Corrected as if enumerated in months of occurrence, and equalized to months of uniform length.	Number of Deaths as Corrected and Equalized.		Months of 1875 and 1876 of Conceptions of Births in 1876, estimated from Births Corrected as if enumerated in months of occurrence, and equalized to months of uniform length. Months arranged in order by number of Males to 100 Females, greatest first.	Number of Males to 100 Females. Births Corrected and Equalized.[b]
Less than the Average Number of Deaths.	January, 1876	1,170	More than the Av. Proportion of Males.	May	134
	November	1,186		June	133
	June	1,210		July	132
	July	1,257	Average		124
	December	1,273	Less than the Average Proportion of Males.	September	123
	October	1,383		April	122
Average		1,411		August	122
More than the Average No. of Deaths.	February, 1876	1,422		December	122
	May	1,526		January, 1876	122
	March, 1876	1,577		February, 1876	121
	April	1,591		October	118
	September	1,666		November	118
	August	1,668		March, 1876	117

[a] See note [b] to Table XXII., page 66.
[b] Excluding births in unknown month and of unknown sex.

TABLE XXVII.—*Exhibiting by Months, according to the Returns, the Relation between the Total Number of Deaths and the Proportion of each Sex Conceived during the same months of the years 1875 and 1876, and Born during the Year ending December 31, 1876.*

Deaths.			Conceptions. [a]		
	Months of 1875 and 1876 of Conceptions of Births in 1876, arranged in order by number of Deaths, the least first.	Number of Deaths as Equalized.		Months [b] of 1875 and 1876, in order by number of Males to 100 Females, greatest first.	Number of Males to 100 Females.
Less than the Average Number of Deaths.	January, 1876	673	More than the Average Proportion of Males.	December	119
	June	819		May	113
	February, 1876	840		June	112
	July	877		July	112
	November	942		January, 1876	111
	March, 1876	958		February, 1876	111
				March, 1876	109
Average		973	Average		108
More than the Average Number of Deaths.	May	1,004	Less than the Ave. Proport'n of Males.	September	106
	April	1,017		August	105
	December	1,046		October	104
	October	1,061		November	104
	August	1,200		April	101
	September	1,237			

[a] See note [b] to Table XXII., page 66.
[b] Equalized to months of 30.44 days each, excluding unknown month and unknown sex.

TABLE XXVIII.—*Exhibiting for the Total Births, for the Twins, Illegitimate, and Still-born Children Returned as having been Born in Michigan during the Year 1876; the Number of Boys to 100 Girls among such Children, distinguishing by Parent-Nativities; thus exhibiting the Influence of Parent-Nativity, and of other conditions, upon Sex of Children.*

NATIVITY OF PARENTS.		BIRTHS, 1876.[a]		BOYS TO 100 GIRLS, 1876.			
		Males.	Females.	Total Births.	Twin Children.	Illegitimate.	Still-born.
All Nativities		17,751	16,428	108.05	92.33	133.33	137.98
Both Parents Native		8,044	7,493	107.22	97.89	.....	152.38
Both Parents Foreign		6,178	5,704	108.31	86.90	.....	145.92
Foreign Father and Native Mother		1,812	1,772	102.26	73.13	.....	96.88
Foreign Mother and Native Father		1,036	929	124.97	242.86	.....	71.43
One or Both Unknown		681	630	108.10	100.00	.....	146.67
Mothers..	Native	9,958	9,371	106.26	91.54	113.58	135.29
	Foreign	7,262	6,569	110.55	93.14	194.44	137.50
	Unknown	631	488	108.81	100.00	166.67	151.85
Fathers..	Native	9,218	8,467	108.87	103.00	190.91	141.58
	Foreign	8,106	7,593	106.76	82.28	187.50	135.11
	Unknown	427	368	116.03	133.33	113.10	138.46
One or Both Native		11,132	10,345	107.61	95.56	.....	139.41
One or Both Foreign		9,190	8,458	108.65	86.89	.....	129.66
Both Unknown		277	226	122.57	166.67	.....	143.48
Same Country		[b] 14,322	[b] 13,197	107.77	98.14	.....	153.33
Different Country		[c] 2,848	[c] 2,601	109.50	74.31	.....	93.65
Same American State or Foreign Country		.....	.....	.....	91.49	.....	148.46
Different American States or Foreign Countries		.....	.....	.....	95.12	.....	150.00

[a] Excluding unknown sex.
[b] Includes "Native" and "Foreign."
[c] Includes "Foreign Father and Native Mother," and "Foreign Mother and Native Father."

MARRIAGES, 1876.

The aggregate number of marriages returned to the State Department as having been solemnized in Michigan in 1876 was 10,858. This number includes only those marriages which have been returned at the time of making the general tabulation for 1876. The returns for subsequent years will doubtless increase this number solemnized in 1876 to a considerable extent, judging from the returns for preceding years. The number of marriages in 1874 as originally returned and compiled was 11,041, as shown in Exhibit A, following; the number subsequently returned for 1874 was 1,094, making the total number returned for that year 12,135, as shown in Table I., following; the number of marriages in 1875, as shown by the general compilation for that year was 11,055, and the number returned for 1875 in one year after the compilation for that year was made was 537; and taking the average of the years 1868–1875, the number of marriages returned for an average year subsequently to the first returns has been 1,084, so that, judging from our experience with the preceding years, it is reasonable to conclude that the number of marriages actually solemnized in this State in 1876 was nearly 12,000. It is greatly to be regretted that the marriages solemnized in any year are not all returned with the first returns for that year, because the number omitted is large enough to vitiate the teachings of some of the tables and exhibits, though it seems reasonable to suppose that, as regards nativity, color, age, manner of union by ages, etc., the marriages first returned are a fair sample of those which occur.

The average number of marriages for each of certain specified periods of time is as follows:

Average number per quarter	2,714.50
Average number per month	904.83
Average number per week	208.81
Average number per day	29.67

A larger proportion of marriages is shown for the last quarter of the year 1876 than for either of the other quarters, as may be seen by Table I., and a smaller proportion for the second quarter,—ending with June. The proportion in the last two quarters will probably be increased by the additional returns mentioned above. In Table I. the marriages are corrected for additional returns, and the table includes all the marriages for the respective years that were returned to this Department at the time of making the compilation for 1876.

TABLE I.—*Marriages by Quarters of the Year, showing Number and Per Cent in each Quarter of the Year, for each of the Years 1870–1876, Corrected, for Additional Returns, up to April 1, 1878.*

TOTALS, AND MONTHS WITH WHICH QUARTERS END.	1870.		1871.		1872.		1873.		1874.		1875.		1876.	
	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
Totals.....	9,791	100.00	10,605	100.00	10,737	100.00	11,851	100.00	12,135	100.00	11,592	100.00	10,858	100.00
March.....	2,506	25.59	2,534	23.89	2,403	22.38	2,673	22.56	2,926	24.11	2,561	22.09	2,599	23.94
June.....	2,172	22.18	2,307	21.75	2,367	22.05	2,694	22.73	2,574	21.21	2,607	22.49	2,474	22.79
September.	2,188	22.35	2,521	23.77	2,627	24.47	3,018	25.47	2,904	23.93	2,715	23.42	2,677	24.65
December..	2,907	29.69	3,228	30.44	3,333	31.04	3,460	29.20	3,720	30.66	3,708	31.99	3,105	28.60
Unknown..	18	.18	15	.14	7	.07	6	.05	11	.09	1	.01	3	.03
Average a..	2,448	25.00	2,651	25.00	2,684	25.00	2,963	25.00	3,034	25.00	2,898	25.00	2,715	25.00

a Includes marriages in unknown quarter of the year.

Exhibit A shows the number of marriages as originally returned, compiled, and published for each of the years 1870–1876, and differs from Table I. by the number of marriages returned for each year subsequently to the first returns for that year. A comparison of the Exhibit with the Table will show, by the way, that the law is frequently violated, in that every marriage that is returned after the time for the return of marriages for any given year reveals a violation of the law for the return of marriages, published in the back part of this Report.

In dealing with the number of marriages in each quarter and in each month, it is proper to remember that a slightly greater proportion of those which occurred in the first part of the year are included in the first returns.

EXHIBIT A.—*Marriages by Quarters of the Year, showing Number and Per Cent in each Quarter of the Year for each of the Years 1870–1876, inclusive, as Originally Returned and published in Reports.*

TOTALS, AND MONTHS WITH WHICH QUARTERS END.	1870.		1871.		1872.		1873.		1874.		1875.		1876.	
	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
Totals.....	9,160	100.00	10,181	100.00	9,882	100.00	10,574	100.00	11,041	100.00	11,055	100.00	10,858	100.00
March.....	2,429	26.51	2,475	24.30	2,326	23.54	2,580	24.39	2,832	25.65	2,519	22.79	2,599	23.94
June.....	2,081	22.71	2,250	22.09	2,281	23.08	2,578	24.38	2,483	22.49	2,557	23.13	2,474	22.79
September.	2,073	22.63	2,423	23.79	2,471	25.01	2,774	26.23	2,713	24.57	2,625	23.74	2,677	24.65
December..	2,560	27.94	3,018	29.64	2,797	28.30	2,637	24.94	3,003	27.20	3,353	30.33	3,105	28.60
Unknown..	17	.18	15	.14	7	.07	5	.05	10	.09	1	.01	3	.03
Average a..	2,290	25.00	2,545	25.00	2,471	25.00	2,644	25.00	2,760	25.00	2,764	25.00	2,715	25.00

a The number in unknown quarter of year included.

Table II. shows the number and per cent of marriages for each of the years 1873–1876, by months arranged in the order, those having the greatest number first. In 1873 and 1876, October heads the list, and in 1874 and 1875, December has a larger number than any other month. In each of the years 1868–1875, except 1873, the largest number of marriages were solemnized in December, and it is probable that the subsequent returns for 1876 will increase the number solemnized in December so as to make it the first in the list for 1876.

TABLE II.—*Marriages by Months Arranged in Order by Number, Months having the greatest number first, for the Years 1873, 1874, 1875, and 1876, Corrected, for additional returns, up to April 1, 1878.*

ORDER.	1873.			1874.			1875.			1876.		
	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.
	Total.....	11,851	100.00	Total.....	12,135	100.00	Total.....	11,592	100.00	Total.....	10,858	100.00
1	October...	1,184	9.99	December.	1,344	11.08	December.	1,268	10.94	October...	1,103	10.16
2	November.	1,169	9.86	November.	1,227	10.11	October...	1,239	10.69	December.	1,007	9.27
3	July.....	1,123	9.48	October...	1,149	9.47	November.	1,201	10.36	July.....	995	9.16
4	December.	1,107	9.34	September	1,034	8.52	July.....	970	8.37	November.	995	9.16
5	September	1,049	8.85	July.....	1,005	8.28	September	970	8.37	September	929	8.56
6	January...	1,003	8.46	January...	987	8.13	April.....	923	7.96	January...	925	8.52
7	April.....	905	7.64	February..	975	8.03	March.....	907	7.82	April.....	916	8.44
8	May.....	903	7.62	March.....	964	7.94	May.....	887	7.65	February..	838	7.72
9	June.....	886	7.48	April.....	955	7.87	January...	857	7.39	March.....	836	7.70
10	March.....	867	7.32	August....	865	7.13	February..	797	6.87	May.....	811	7.47
11	August....	846	7.14	May.....	836	6.89	June.....	797	6.88	August....	753	6.93
12	February..	803	6.77	June.....	783	6.45	August...	775	6.69	June.....	747	6.88
	Unknown.	6	.05	Unknown.	11	.09	Unknown.	1	.01	Unknown.	3	.03
	Average.[a]	988	8.33	Average.[a]	1,011	8.33	Average.[a]	966	8.33	Average.[a]	905	8.33

[a] Includes those for unknown month.

Exhibit B shows, by months, for each of the years 1872–1876, the number of marriages as returned (corrected for additional returns, up to April, 1878) and as equalized to months of uniform length.

Diagram No. 2 graphically represents the number of marriages in each of the years 1871–1876, by months equalized to uniform length, as shown in Exhibit B.

The total numbers of marriages for the different years preceding the year 1876, differ from the numbers published in the report for 1875, and from those published in preceding Reports, because they include all marriages returned with those for 1876 that were solemnized during the preceding years and not before returned.

Previous to April 1, 1878, enough marriages were returned as being solemnized during the years stated below to make the number for 1868, 8,741; for 1869, 10,437, and for 1870, 9,791. The number of marriages solemnized during the year 1871, as corrected up to February 1, 1877, and published in Report for 1875, is 10,588, and this number plus 17 = 10,605, the number of marriages returned as having been solemnized during the year 1871, returned previous to April 1, 1878.

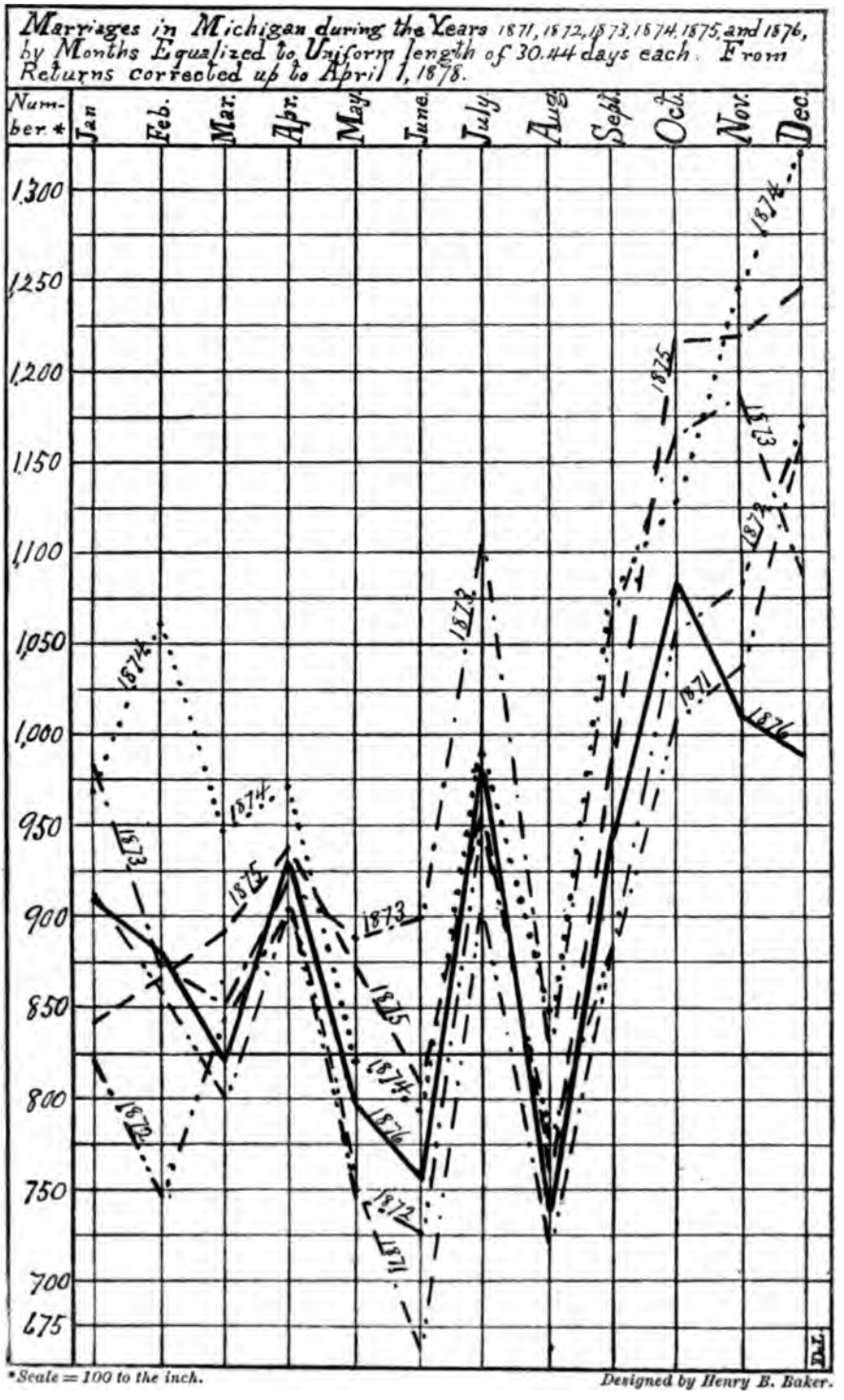
The foregoing is here stated because in Exhibit B statements of the final number of marriages returned up to April 1, 1878, are not given for any year preceding that of 1872.

EXHIBIT B.—*Marriages Returned as having been Solemnized in Michigan during the Years 1872 to 1876, inclusive, Corrected, for additional returns, up to April 1, 1878, and Equalized to Months of 30.44 days each.*

	Year.	Total.	MONTHS.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Marriages as returned	1872	10,737	834	711	858	890	761	716	966	791	870	1,075	1,067	1,191	7
Days and hundredths by which the months should be increased or diminished to equalize them to uniform length		.....	-.56	+1.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56	.....
Number by which the marriages should be increased or diminished to equalize them to months of uniform length		-28	-15	+36	-15	+13	-14	+10	-17	-14	+13	-19	+16	-22	.....
Marriages, equalized to months of uniform length		10,709	819	747	843	903	747	726	949	777	883	1,056	1,083	1,169	7
Marriages as returned	1873	11,851	1,003	803	867	905	903	886	1,123	846	1,049	1,184	1,169	1,107	6
Days and hundredths by which the months should be increased or diminished to equalize them to uniform length		.....	-.56	+2.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56	.....
Number by which the marriages should be increased or diminished to equalize them to months of uniform length		+2	-18	+70	-16	+13	-16	+13	-20	-15	+15	-21	+17	-20	.....
Marriages, equalized to months of uniform length		11,853	985	873	851	918	887	899	1,103	831	1,064	1,163	1,186	1,087	6
Marriages as returned	1874	12,135	987	975	964	955	836	783	1,005	865	1,034	1,149	1,227	1,344	11
Days and hundredths by which the months should be increased or diminished to equalize them to uniform length		.....	-.56	+2.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56	.....
Number by which the marriages should be increased or diminished to equalize them to months of uniform length		+43	-18	+85	-17	+14	-15	+11	-18	-16	+44	-21	+18	-24	.....
Marriages, equalized to months of uniform length		12,178	969	1,060	947	969	821	794	987	849	1,078	1,128	1,245	1,320	11
Marriages as returned	1875	11,592	857	797	907	923	887	797	970	775	970	1,239	1,201	1,268	1
Days and hundredths by which the months should be increased or diminished to equalize them to uniform length		.....	-.56	+2.44	-.56	+.44	-56	+.44	-.56	-.56	+.44	-.56	+.44	-.56	.....
Number by which the marriages should be increased or diminished to equalize them to months of uniform length		+3	-15	+69	-16	+14	-16	+12	-18	-14	+14	-22	+18	-23	.....
Marriages, equalized to months of uniform length		11,595	842	866	891	937	871	809	952	761	984	1,217	1,219	1,245	1
Marriages as returned	1876	10,858	925	838	836	916	811	747	995	753	929	1,103	995	1,007	3
Days and hundredths by which the months should be increased or diminished to equalize them to uniform length		.....	-.56	+1.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56	.....
Number by which the marriages should be increased or diminished to equalize them to months of uniform length		-22	-17	+42	-15	+13	-15	+11	-18	-14	+14	-20	+15	-18	.....
Marriages, equalized to months of uniform length		10,836	908	880	821	929	796	758	977	739	943	1,083	1,010	989	3

Diagram No. 2, on the page opposite this, graphically represents the last line for each year in Exhibit B.

DIAGRAM No. 2.



*Scale = 100 to the inch.

Designed by Henry B. Baker.

TABLE III.—*Distinguishing, by Counties and by Months, the Number of Marriages Returned as having been Solemnized in Michigan during the Year ending December 31, 1876.*

STATE AND COUNTIES.	YEAR, 1876.	MONTHS, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
STATE .....[a]	10,858	925	838	836	916	811	747	995	753	929	1,103	995	1,007	3
Alcona.....	5	1	.....	1	.....	2	.....	.....	1	.....	.....	.....	.....	.....
Allegan.....	306	24	20	24	40	22	24	26	31	26	25	16	28	.....
Alpena.....	41	4	1	4	3	7	1	3	3	3	8	2	2	.....
Antrim.....	24	3	.....	.....	2	.....	4	2	1	5	1	4	2	.....
Baraga.....	11	.....	.....	2	.....	1	1	2	.....	1	2	2	.....	.....
Barry.....	193	17	20	11	14	8	11	16	14	15	16	29	22	.....
Bay	174	16	14	12	14	15	18	23	13	7	15	12	15	.....
Benzie.....	32	2	1	3	1	2	2	3	1	3	3	6	5	.....
Berrien.....	471	23	35	47	38	25	41	34	28	39	52	54	56	.....
Branch.....	281	23	24	29	16	27	22	18	8	20	29	29	37	.....
Calhoun.....	264	25	21	20	19	11	18	24	13	10	32	39	32	.....
Cass.....	202	15	16	20	24	12	10	21	17	10	17	22	18	.....
Charlevoix..	25	2	.....	2	1	.....	3	1	1	3	3	4	5	.....
Cheboygan .	23	1	.....	.....	4	6	3	4	.....	2	.....	3	.....	.....
Chippewa...	10	.....	.....	1	1	2	1	1	1	1	1	.....	1	.....
Clare.....	7	.....	1	.....	1	.....	2	2	1	.....	.....	.....	.....	.....
Clinton	199	6	14	18	17	17	16	18	13	13	22	14	31	.....
Delta.....	27	2	.....	.....	2	2	3	.....	3	3	6	4	2	.....
Eaton.....	259	27	21	12	16	14	15	29	11	24	29	32	29	.....
Emmet.....	21	1	4	.....	.....	2	3	1	1	2	2	5	.....	.....
Genesee.....	330	26	37	25	26	17	19	24	23	34	37	33	29	.....
Gr. Traverse	61	4	2	5	8	6	2	5	3	7	8	7	4	.....
Gratiot.....	93	10	5	4	14	9	9	10	9	9	10	1	3	.....
Hillsdale....	336	40	30	29	33	23	24	33	18	26	33	36	34	.....
Houghton...	136	19	5	7	7	8	11	17	16	15	12	7	12	.....
Huron.....	129	11	16	13	7	14	12	7	5	8	17	13	6	.....
Ingham.....	259	27	28	20	13	19	14	25	12	32	26	25	28	.....
Ionia.....	266	19	20	19	28	18	11	25	21	11	37	30	31	.....
Iosco.....	17	.....	.....	2	1	1	2	.....	2	2	2	5	.....	.....
Isabella.....	53	5	4	3	2	9	6	5	5	2	9	.....	2	1
Jackson.....	330	31	29	33	31	17	19	24	17	31	29	33	36	.....
Kalamazoo..	250	15	12	17	14	27	20	18	23	23	26	25	31	.....
Kalkaska....	11	1	1	.....	1	.....	.....	2	2	2	.....	.....	2	.....
Kent.....	467	47	35	42	43	42	44	62	46	43	36	33	12	.....

[a] Except counties from which no returns were received. No returns of marriages for 1876 from county clerk to this Department, from the county of Manitou. No returns of marriages for 1876 to the clerks of counties of Gladwin, Isle Royal, and Roscommon.

TABLE III.—CONTINUED.—*Marriages by Counties, by Months.*

COUNTIES.	YEAR, 1876.	MONTHS, 1876.												
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Keweenaw.	40	3	3	... ..	2	2	3	6	6	5	2	2	6	.....
Lake.....	10	1	1	.....	.....	1	1	.....	2	2	1	.....	1	.....
Lapeer.....	195	7	17	16	16	14	19	7	14	21	21	12	31	.....
Leelanaw...	35	3	.....	3	2	2	5	4	3	2	3	5	3	.....
Lenawee....	389	29	37	29	40	23	22	34	27	38	33	36	41	.....
Livingston..	140	10	15	10	14	12	5	14	7	12	13	14	14	.....
Mackinac...	11	3	.....	.....	.....	3	.....	1	1	1	2	.....	.....	.....
Macomb.....	232	19	19	7	23	20	17	14	12	19	34	26	22	.....
Manistee....	76	6	5	5	9	3	5	7	9	3	7	11	6	.....
Marquette..	99	10	8	5	4	10	3	10	7	11	14	6	11	.....
Mason.....	51	3	5	6	7	1	2	4	4	7	2	3	7	.....
Mecosta.....	88	5	3	6	9	7	7	10	8	10	4	9	10	.....
Menominee.	29	2	.....	2	2	6	4	4	2	1	.....	4	2	.....
Midland....	23	5	1	.....	2	1	2	3	3	1	3	1	1	.....
Missaukee...	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....
Monroe.....	285	31	37	26	20	17	14	21	14	20	23	35	27	.....
Montcalm...	156	18	16	14	15	14	10	23	11	15	10	4	6	.....
Muskegon...	162	12	4	11	14	8	9	24	16	13	20	17	14	.....
Newaygo....	78	6	5	11	7	6	3	7	10	7	4	1	11	.....
Oakland.....	325	34	18	23	23	18	23	31	10	19	36	30	59	1
Oceana.....	68	1	7	5	4	5	5	10	4	6	7	6	8	.....
Ogemaw	6	1	.....	.....	1	.....	1	.....	1	.....	1	1	.....	.....
Ontonagon..	13	2	.....	.....	.....	3	3	1	1	2	.....	1	.....	.....
Osceola.....	41	5	.....	5	3	2	4	4	1	10	4	3	.....	.....
Otsego	13	4	1	1	.....	.....	1	.....	1	1	1	2	1	.....
Ottawa.....	232	15	18	21	24	30	12	20	14	21	24	18	15	.....
Presque Isle	5	.....	.....	1	.....	.....	.....	.....	2	.....	.....	2	.....	.....
Saginaw.....	384	28	21	23	35	32	29	36	27	43	41	39	30	.....
Sanilac.....	117	13	10	6	8	16	8	6	5	9	10	8	18	.....
Schoolcraft.	5	1	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....
Shiawassee.	180	16	9	15	16	13	11	15	8	26	13	21	17	.....
St. Clair.....	331	26	25	20	26	21	19	45	24	25	43	20	37	.....
St. Joseph...	273	28	21	23	19	16	11	25	26	31	21	24	28	.....
Tuscola.....	147	16	17	8	11	7	6	13	16	12	19	14	8	.....
Van Buren..	233	15	13	21	15	11	16	25	11	23	30	22	32	.....
Washtenaw.	214	20	25	28	16	23	13	9	16	15	28	20	2	.....
Wayne.....	751	77	57	58	88	79	58	77	65	62	74	40	15	1
Wexford....	51	5	3	1	3	1	4	.....	3	5	6	12	8	.....

COLOR OF PERSONS MARRIED.

By Table IV. it may be seen that nearly 97 per cent of all persons returned as having been married in Michigan in 1876 were white persons.

The counties in which persons of color were married, and other details respecting manner of union by color of persons married, may be examined in Table V., pages 82–84.

TABLE IV.—*Exhibiting, by Color and by Sex, the Number of Marriages, and the Number and Per Cent of Total Number of Persons Married in Michigan during the Year 1876, according to the Returns.*

COLOR OF PERSONS MARRIED, 1876.	SEX.	Number of Marriages, 1876.	Persons Married, 1876.		Number of Persons who Married those of another Color.
			Number.	Per Cent of Total Number.	
All Colors	Total	10,858	21,716	100.00	33
	Males	.....	10,858	50.00	17
	Females	.....	10,858	50.00	16
White	Total	10,518	21,049	96.93	14
	Males	.....	10,535	48.51	10
	Females	.....	10,514	48.42	4
Black	Total	70	139	.64	4
	Males	.....	70	.32	3
	Females	.....	69	.32	1
Mulatto	Total	13	26	.12	4
	Males	.....	13	.06	2
	Females	.....	13	.06	2
Indian	Total	33	73	.34	11
	Males	.....	33	.15	2
	Females	.....	40	.18	9
One or Both Unknown	Total	224	429	1.98	.....
	Males	.....	207	.95	.....
	Females	.....	222	1.02	.....
Black and Mulatto	Total	83	165	.76	8
	Males	.....	83	.38	5
	Females	.....	82	.38	3

TABLE V.—*Exhibiting for the State and Counties, the Number of Marriages Returned as having been Solemnized in Michigan during the Year 1876, the Number of Couples of White Persons, and by Color the Number of Marriages where one or both Parties were other than White.*

STATE AND COUNTIES.	MARRIAGES IN 1876—NUMBER BY COLOR.							
	All Colors.	White.	Black.	Mulatto.	Indian.	Female Unk. / Male White.	Male Unk. / Female White.	Both Unknown.
State	10,858	[a] 10,518	[b] 70	[c] 13	[d] 33	17	2	205
Alcona	5	5						
Allegan	306	293	3			9	1	
Alpena	41	41						
Antrim	24	23			1			
Baraga	11	[e] 10			[f] 1			
Barry	193	192			[g] 1			
Bay	174	[h] 172			2			
Benzie	32	32						
Berrien	471	469	1			1		
Branch	281	281						
Calhoun	264	263		1				
Cass	202	183	[i] 16	[j] 1		1		1
Charlevoix	25	23			2			
Cheboygan	23	21			[k] 2			
Chippewa	10	[l] 9			[m] 1			
Clare	7	7						
Clinton	199	193						6
Delta	27	27						
Eaton	259	257		2				
Emmet	21	[l] 13			[m] 8			
Genesee	330	329	1					
Gladwin [n]								

[a] 7 couples, male White, female White and Indian; 1 couple, male White, female Indian; 1 couple, male "Light," female "Dark;" 1 couple, male White, female "Half-breed."

[b] 2 couples, male "African and Indian," female "African;" 8 couples "African and Indian;" 2 couples, male "African," female "African and Indian;" 10 couples "Colored;" 2 couples, male Black, female Mulatto; 1 couple, male Black, female White; 1 couple "Rather dark," and 1 couple "Dark."

[c] 1 couple, male "African and White," female "African and Indian;" and 1 couple, male Mulatto, female White.

[d] 1 couple, male White and Indian, female Indian; 5 couples White and Indian; 2 couples, male White and Indian, female White; and 1 couple "Quarter-breed."

[e] 2 couples, male White, female White and Indian.

[f] 1 couple, male White and Indian, female Indian.

[g] 1 couple White and Indian.

[h] 1 couple, male White, female Indian.

[i] 2 couples, male "African and Indian," female "African;" 8 couples "African and Indian;" 2 couples, male "African," female "African and Indian."

[j] 1 couple, male "African and White," female "African and Indian."

[k] 2 couples White and Indian.

[l] 1 couple, male White, female White and Indian.

[m] 1 couple White and Indian.

[n] No returns of marriages for 1876 to county clerk.

TABLE V.—CONTINUED.—*Marriages in 1876, by Counties, by Color.*

COUNTIES.	MARRIAGES IN 1876—NUMBER BY COLOR.							
	All Colors.	White.	Black.	Mulatto.	Indian.	Female Unk. / Male White.	Male Unk. / Female White.	Both Unknown.
Grand Traverse	61	61						
Gratiot	93	93						
Hillsdale	358	355	[a] 1					2
Houghton	136	136						
Huron	129	129						
Ingham	269	268	[a] 1					
Ionia	268	265	1			1		1
Iosco	17	17						
Isabella	53	48			4			1
Isle Royal	[b]							
Jackson	330	319	4					7
Kalamazoo	250	244	5			1		
Kalkaska	11	11						
Kent	487	483	[c] 4					
Keweenaw	40	35						5
Lake	10	10						
Lapeer	195	194	1					
Leelanaw	35	34			1			
Lenawee	389	387	2					
Livingston	140	140						
Mackinac	11	[d] 5			[e] 6			
Macomb	232	232						
Manistee	76	76						
Manitou	[f]							
Marquette	99	97		[g] 2				
Mason	51	51						
Mecosta	88	87	1					
Menominee	29	29						
Midland	23	23						
Missaukee	3	3						
Monroe	285	285						
Montcalm	156	7						149

[a] 1 couple "Colored."
[b] No returns of marriages for 1876 to county clerk.
[c] 1 couple, male Black, female Mulatto; and 1 couple "Colored."
[d] 2 couples, male White, female White and Indian.
[e] 1 couple, male White and Indian, female White; and two couples, male White and Indian, female unknown.
[f] No returns of marriages for 1876 from county clerk to this Department.
[g] 1 couple, male Mulatto, female White.

TABLE V.—CONTINUED.—*Marriages in 1876, by Counties, by Color.*

COUNTIES.	MARRIAGES IN 1876—NUMBER BY COLOR.							
	All Colors.	White.	Black.	Mulatto.	Indian.	Female Unk.	Male Unk.	Both Unknown.
						Male White.	Female White.	
Muskegon	162	[a] 155	.....	1	.....	4	.....	2
Newaygo	78	78	.....	.....	.....	.....	.....	.....
Oakland	325	322	1	.....	.....	.....	1	1
Oceana	68	[b] 66	.....	.....	[c] 2	.....	.....	.....
Ogemaw	6	6	.....	.....	.....	.....	.....	.....
Ontonagon	13	12	.....	.....	[d] 1	.....	.....	.....
Osceola	41	41	.....	.....	.....	.....	.....	.....
Otsego	13	13	.....	.....	.....	.....	.....	.....
Ottawa	232	231	.....	.....	1	.....	.....	.....
Presque Isle	5	5	.....	.....	.....	.....	.....	.....
Roscommon	[e]	.....	.....	.....	.....	.....	.....	.....
Saginaw	384	382	[f] 1	.....	.....	1	.....	.....
Sanilac	117	117	.....	.....	.....	.....	.....	.....
Schoolcraft	5	[g] 5	.....	.....	.....	.....	.....	.....
Shiawassee	180	180	.....	.....	.....	.....	.....	.....
St. Clair	331	329	.....	1	.....	.....	.....	1
St. Joseph	273	273	.....	.....	.....	.....	.....	.....
Tuscola	147	147	.....	.....	.....	.....	.....	.....
Van Buren	233	231	.....	2	.....	.....	.....	.....
Washtenaw	214	208	[h] 2	3	.....	.....	.....	1
Wayne	751	698	[i] 25	.....	.....	.....	.....	28
Wexford	51	51	.....	.....	.....	.....	.....	.....

[a] 1 couple, male "Light," female "Dark."
[b] 1 couple, male White, female White and Indian.
[c] 1 couple, male White and Indian, female White.
[d] 1 couple "Quarter-breed."
[e] No returns of marriages for 1876 to county clerk.
[f] 1 couple, male Black, female Mulatto.
[g] 1 couple, male White, female "Half-breed."
[h] 1 couple "Rather dark," and 1 couple "Colored."
[i] 1 couple, male Black, female White; 6 couples "Colored;" and 1 couple "Dark."

EXHIBIT 1.—*By Nativity, the Number and Per Cent of Brides and of Bridegrooms Returned as having been married in Michigan during the Year ending December 31, 1876, and by number, the manner of their Union by Nativity.*

BRIDEGROOMS AND BRIDES. NATIVITY SPECIFIED.		Brides, 1876.			Bridegrooms, 1876.	
		Native-born.	Foreign-born.	Unknown.	Totals of each Nativity, and of All Nativities.	Per Cent of each Nativity.
Bridegrooms..	Native-born	6,779	761	77	7,617	70.15
	Foreign-born	1,440	1,631	29	3,100	28.55
	Unknown	30	9	102	141	1.30
Brides	Whole No. of Each Nativity and Total	8,249	2,401	208	10,858	.....
	Per Cent of Each Nativity and Total	75.97	22.11	1.92	.....	100.00

Exhibit 1 is designed to show the manner of union by nativities of persons returned as having been married in Michigan in 1876.

Exhibit 1 also contains data concerning the number and relative proportion of males and of females married in this State in 1876, by nativity, and shows that 70.15 per cent of the males, and 75.97 per cent of the females married in 1876 were native-born; and 28.55 per cent of the males and 22.11 per cent of the females were foreign-born. This is a larger proportion of the native-born, and a smaller proportion of the foreign-born of each sex than is shown for 1873, 1874, or 1875; and beginning with 1873, there has been a constant and steady increase of the proportion of the native-born persons married, and a like decrease of the proportion of the foreign-born persons married in this State.

Table VI. was first planned to show the marriage-rate in this State by nativity of persons married. Inasmuch as the State Census law does not provide for ascertaining the nativities of inhabitants, the table for 1876 cannot show such a marriage-rate, except by using the statements of inhabitants in 1870, which are considered to be too remote from the year 1876 to supply a useful comparison. The table is still useful in showing the proportions of native and foreign-born persons married.

TABLE VI.—*Exhibiting, by Sex, the Nativity of Persons Returned as having been Married in Michigan during the Year 1876.*

NATIVITY OF PERSONS MARRIED IN 1876.	MARRIAGES, 1876.		PERSONS MARRIED IN 1876.		
	Number.	Per Cent of Total.	Number.		
			Total.	Males.	Females.
Total	10,858	100.00	21,716	10,858	10,858
Native-born	6,779	62.43	15,866	7,617	8,249
Foreign-born	1,631	15.02	5,501	3,100	2,401
Foreign Male and Native Female	1,440	13.26	.....	.....	.....
Foreign Female and Native Male	761	7.01	.....	.....	.....
Nativity Unknown	* 247	2.27	349	141	208
One or Both Native	8,980	82.70	.....	.....	.....
One or Both Foreign	3,832	35.29	.....	.....	.....

* Includes cases where one or both are unknown.

AGES OF PERSONS MARRIED.

The following tabular exhibit shows, by nativity, the average age of persons married in Michigan in each of the years 1874, 1875, and 1876. It may be seen that the average age of persons of each sex was greater in 1876 than in either of the other years, and the average of the three years shows the average age of the males to be 28.06 years, and of the females 22.38 years. The average difference between the average ages of the males and females is 5.68 years.

EXHIBIT C.—*By Nativity the Average Age of Persons married in Michigan in 1874, 1875, and 1876, according to the Returns.*

NATIVITY OF PERSONS MARRIED.	1874.		1875.		1876.	
	Males.	Females.	Males.	Females.	Males.	Females.
All Nativities	28.07	21.19	27.91	22.90	28.19	23.05
Native	*	*	27.69	22.54	27.64	22.53
Foreign	*	*	28.45	24.21	29.54	24.62
Unknown	*	*	27.28	20.91	27.94	23.32

* Not compiled.

Table VII. shows the number of persons of each sex and of both sexes married in Michigan in 1876 at each age and period of age; also, by sex, the per cent of total at each age, and the proportion of the sexes at each age. More than one-third of all the males, and more than one-quarter of all the females married in 1876 were between the ages of 21 and 25 years; and at this period of life the proportion of the sexes was nearer equal than at any other period.

TABLE VII.—*By Sex and Periods of Age, the Number and Per Cent of Total Number of Persons Married at each Age and Period of Age during the Year 1876; and the Per Cent of each Sex at each Age and Period of Age to the Total Number of Both Sexes.*

AGES IN YEARS AND PERIODS OF YEARS.	MARRIAGES, 1876.						
	Total Number of Persons Married.	MALES.			FEMALES.		
		Number Married.	Per Cent of Total Marriages.	Per Cent of Persons Married at Corresponding Ages.	Number Married.	Per Cent of Total Marriages.	Per Cent of Persons Married at Corresponding Ages.
All Ages.....*	21,716	10,858	100.00	50.00	10,858	100.00	50.00
13.....	3	.....	.....	.....	3	.03	100.00
14.....	29	.....	.....	.....	29	.27	100.00
15.....	125	.....	.....	.....	125	1.15	100.00
16.....	668	1	.01	.15	667	6.14	99.85
17.....	887	6	.06	.68	881	8.11	99.32
18.....	1,409	79	.73	5.61	1,330	12.25	94.39
19.....	1,411	223	2.05	15.80	1,188	10.94	84.20
20.....	1,589	504	4.64	31.72	1,085	9.99	68.28
21 to 25.....	6,694	3,905	35.96	58.34	2,789	25.69	41.66
25 to 30.....	4,446	3,217	29.62	72.36	1,229	11.32	27.64
30 to 35.....	1,655	1,121	10.32	67.73	534	4.92	32.27
35 to 40.....	977	638	5.88	65.30	339	3.12	34.70
40 to 45.....	547	335	3.09	61.24	212	1.95	38.76
45 to 50.....	417	263	2.42	63.07	154	1.42	36.93
50 to 55.....	272	191	1.76	70.22	81	.75	29.78
55 to 60.....	200	134	1.23	67.00	66	.61	33.00
60 to 65.....	137	91	.84	66.42	46	.42	33.58
65 to 70.....	74	64	.59	86.49	10	.09	13.51
70 to 75.....	36	29	.27	80.56	7	.06	19.44
75 to 80.....	14	12	.11	85.71	2	.02	14.29
80 and over.....	4	2	.02	50.00	2	.02	50.00
Unknown Ages.....	122	43	.40	35.25	79	.73	64.75
Under 15.....	32	.....	.....	.....	32	.29	100.00
15 to 20.....	4,500	309	2.85	6.87	4,191	38.60	93.13
20 to 25.....	8,283	4,409	40.61	53.23	3,874	35.68	46.77

*At which marriages occurred.

TABLE VIII.—*Exhibiting for the State and Counties, by Sex, the Nativity and Age in Periods of Years, of Persons Returned as having been Married in Michigan during the Year ending December 31, 1876.*

STATE AND COUNTIES.	Number of Couples Married, 1876.	NATIVITY OF PERSONS MARRIED, 1876, STATED BY COUPLES.									SEX STATED.	MARRIAGES AT DIFFERENT AGES, STATED IN PERIODS OF YEARS,—1876.														
		Both Native.	Both Foreign.	Foreign Males, Native Females.	Foreign Females, Native Males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both Unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and Over.	Unknown.
STATE.....	10,858	6,779	1,631	1,440	761	77	29	30	9	102	Total....	4,532	8,283	4,446	1,656	976	547	417	272	200	137	74	36	14	4	122
											Males...	309	4,409	3,217	1,122	637	335	263	191	134	91	64	29	12	2	43
											Females.	4,223	3,874	1,229	534	339	212	154	81	66	46	10	7	2	2	79
Alcona.....	5	.....	3	1	1	.....	.....	.....	.....	.....	Males...	.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
											Females.	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Allegan.....	306	230	21	38	17	.....	.....	.....	.....	.....	Males...	11	133	78	32	15	12	9	2	5	4	3	1	.....	.....	1
											Females.	131	103	30	16	10	1	6	5	2	1	.....	.....	.....	.....	1
Alpena.....	41	9	15	3	4	.....	2	.....	1	7	Males...	1	7	18	6	5	2	1	.....	.....	.....	.....	.....	1	.....	.....
											Females.	16	12	3	6	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antrim.....	24	10	4	5	5	.....	.....	.....	.....	.....	Males...	2	9	8	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....
											Females.	17	3	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baraga.....	11	4	3	4	.....	.....	.....	.....	.....	.....	Males...	.....	2	2	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
											Females.	4	5	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Barry.....	193	168	5	13	7	.....	.....	.....	.....	.....	Males...	6	77	57	18	14	4	7	4	3	1	1	.....	1	.....	.....
											Females.	85	66	16	8	4	4	3	3	2	1	1	.....	.....	.....	.....
Bay.....	174	49	50	46	22	4	1	.....	.....	2	Males...	3	52	65	22	17	4	7	2	1	.....	.....	.....	.....	.....	1
											Females.	60	68	30	7	1	2	2	2	.....	1	.....	.....	.....	.....	1
Benzie.....	32	18	2	7	4	1	.....	.....	.....	.....	Males...	2	14	4	4	2	4	.....	1	.....	1	.....	.....	.....	.....	.....
											Females.	14	10	3	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Berrien.....	471	358	29	51	21	5	1	2	.....	4	Males...	10	219	102	46	27	18	18	14	6	6	2	1	.....	.....	2
											Females.	159	178	53	24	19	15	7	5	5	1	.....	.....	.....	.....	5
Branch.....	281	253	8	11	7	.....	.....	1	.....	1	Males...	10	134	77	23	10	4	4	7	5	5	1	1	.....	.....	.....
											Females.	118	97	36	8	6	5	5	2	3	1	.....	.....	.....	.....	.....
Calhoun.....	264	205	15	25	14	2	.....	2	.....	1	Males...	15	106	74	24	12	8	7	4	7	2	3	1	.....	.....	1
											Females.	104	95	29	11	8	5	3	3	3	2	.....	1	.....	.....	.....

Cass	202	186	1	11	4	------	------	------	------	----	Males	3	92	67	20	9	4	2	3	1	----	1	----	----	----	----
											Females	97	62	22	10	7	1	1	1	----	1	----	----	----	----	----
Charlevoix	25	11	7	5	1	------	1	------	------	----	Males	------	13	5	1	4	1	----	1	----	----	----	----	----	----	----
											Females	13	9	----	1	1	1	----	----	----	----	----	----	----	----	----
Cheboygan	23	12	4	5	2	------	------	------	------	----	Males	3	9	5	5	----	----	1	----	----	----	----	----	----	----	----
											Females	14	6	1	1	----	----	1	----	----	----	----	----	----	----	----
Chippewa	10	3	3	2	2	------	------	------	------	----	Males	------	3	6	------	----	1	----	----	----	----	----	----	----	----	----
											Females	4	5	1	------	----	----	----	----	----	----	----	----	----	----	----
Clare	7	3	------	1	3	------	------	------	------	----	Males	1	3	2	------	1	----	----	----	----	----	----	----	----	----	----
											Females	3	2	1	------	1	----	----	----	----	----	----	----	----	----	----
Clinton	199	159	6	16	6	8	2	------	------	2	Males	6	79	63	22	7	5	6	1	2	1	1	2	----	----	4
											Females	78	79	20	5	6	2	2	1	1	1	----	----	----	----	4
Delta	27	7	9	9	2	------	------	------	------	----	Males	------	4	13	7	3	----	----	----	----	----	----	----	----	----	----
											Females	12	10	4	----	1	----	----	----	----	----	----	----	----	----	----
Eaton	259	227	1	15	7	----	------	4	------	5	Males	11	130	58	16	14	8	6	6	2	2	4	2	----	----	----
											Females	118	76	29	12	7	9	2	----	2	3	----	----	----	----	1
Emmet	21	12	2	2	3	2	------	------	------	----	Males	1	5	10	2	1	1	----	----	----	----	----	----	----	----	1
											Females	9	6	1	1	3	----	----	----	----	----	----	----	----	----	1
Genesee	330	230	20	42	32	2	1	------	------	3	Males	8	145	87	36	17	8	7	10	3	5	2	1	----	----	1
											Females	128	117	38	10	10	13	7	1	2	1	2	----	----	----	1
Gladwin [b]	------	------	------	------	------	------	------	------	------	----	----------	----	------	------	------	----	----	----	----	----	----	----	----	----	----	----
Gr. Traverse	61	28	7	12	9	2	------	2	------		Males	1	11	26	6	7	6	1	2	----	1	----	----	----	----	----
											Females	24	22	4	4	1	4	1	1	----	----	----	----	----	----	----
Gratiot	93	73	1	10	6	------	------	------	------	3	Males	5	45	19	8	4	1	5	1	1	----	4	----	----	----	----
											Females	53	22	7	3	3	2	1	1	----	----	1	----	----	----	----
Hillsdale	358	315	2	25	12	1	------	1	------	2	Males	18	163	93	28	19	8	8	4	7	5	1	----	1	1	2
											Females	147	120	42	18	10	5	5	1	4	2	1	1	----	----	2
Houghton	136	12	97	23	4	------	------	------	------		Males	2	46	63	13	6	5	----	1	----	----	----	----	----	----	----
											Females	55	44	16	13	4	1	1	1	----	----	----	----	----	----	1
Huron	129	15	71	25	17	------	----	1	------	----	Males	3	52	50	8	7	4	1	2	2	----	----	----	----	----	----
											Females	68	39	11	6	2	1	----	1	1	----	----	----	----	----	----
Ingham	269	209	8	31	16	1	------	1	------	3	Males	9	119	74	16	19	8	5	6	3	6	4	----	----	----	----
											Females	96	105	30	12	5	12	6	1	1	1	----	----	----	----	----
Ionia	268	207	8	26	23	1	------	1	------	2	Males	8	105	76	31	19	5	4	8	5	3	2	----	2	----	----
											Females	106	97	33	7	11	4	3	1	----	3	----	----	1	----	2

[a] Except counties of Gladwin, Isle Royal, Manitou, and Roscommon, from which no returns were received. [b] No returns of marriages for 1876 to county clerk.

TABLE VIII.—CONTINUED.—*Marriages by Counties, Nativity, and Periods of Age.*

COUNTIES.	Number of Couples Married, 1876.	NATIVITY OF PERSONS MARRIED, 1876, STATED BY COUPLES.									SEX STATED.	MARRIAGES AT DIFFERENT AGES, STATED IN PERIODS OF YEARS,—1876.														
		Both Native.	Both Foreign.	Foreign Males, Native Females.	Foreign Females, Native Males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both Unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and Over.	Unknown.
Iosco	17	6	6	5	----	----	----	----	----	----	Males	----	10	7	----	----	----	----	----	----	----	----	----	----	----	----
											Females	10	4	1	1	----	1	----	----	----	----	----	----	----	----	----
Isabella	53	30	5	10	4	----	----	1	----	3	Males	2	24	20	3	----	3	----	----	----	----	----	----	----	----	1
											Females	31	13	3	----	1	3	1	----	----	----	----	----	----	----	1
Isle Royale	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Jackson	330	251	22	33	18	4	----	1	----	1	Males	17	124	92	38	23	9	10	8	1	4	1	1	2	----	----
											Females	118	123	41	17	12	2	7	3	1	2	----	1	----	----	3
Kalamazoo	250	185	16	27	11	5	----	----	----	6	Males	8	98	67	22	13	5	10	5	7	3	----	----	----	----	12
											Females	70	98	30	15	8	4	2	3	2	1	----	1	----	----	16
Kalkaska	11	7	----	1	2	----	----	----	----	1	Males	----	3	4	3	1	----	----	----	----	----	----	----	----	----	----	----
											Females	6	4	1	----	----	----	----	----	----	----	----	----	----	----	----
Kent	487	287	87	68	35	4	2	----	----	4	Males	9	200	139	55	31	14	10	14	4	6	3	2	----	----	----
											Females	173	171	59	35	20	10	4	7	2	2	----	2	----	1	1
Keweenaw	40	5	15	15	----	----	1	----	----	4	Males	----	17	11	5	1	1	----	1	----	----	----	----	----	----	----	4
											Females	24	6	5	----	----	----	----	----	1	----	----	----	----	----	----	4
Lake	10	6	1	2	1	----	----	----	----	----	Males	1	6	2	----	----	1	----	----	----	----	----	----	----	----	----	----
											Females	7	2	----	1	----	----	----	----	----	----	----	----	----	----	----	----
Lapeer	195	102	31	37	23	1	----	----	1	----	Males	6	85	54	24	11	2	5	4	----	2	2	----	----	----	----	----
											Females	70	84	21	2	8	4	1	3	2	----	----	----	----	----	----	----
Leelanaw	35	12	15	3	5	----	----	----	----	----	Males	1	13	11	6	2	----	----	----	1	1	----	----	----	----	----	----
											Females	18	11	2	1	2	1	----	----	----	----	----	----	----	----	----	----
Lenawee	389	309	18	28	20	5	1	1	----	b 7	Males	11	161	105	38	22	19	9	8	6	5	3	2	----	----	----	----
											Females	146	143	37	27	11	8	8	6	1	1	----	1	----	----	----	----
Livingston	140	109	4	20	4	----	----	1	----	2	Males	5	58	49	7	5	4	2	----	5	2	1	2	----	----	----	----
											Females	50	58	13	8	1	4	2	----	2	1	----	----	----	----	----	1
Mackinac	11	5	1	3	1	----	----	----	1	----	Males	----	4	----	2	3	----	----	----	2	----	----	----	----	----	----	----
											Females	3	4	----	2	1	1	----	----	----	----	----	----	----	----	----	----

Macomb	232	123	39	50	14	1	4	.....	.....	1	Males	5	98	73	24	5	7	5	8	3	....	2	1	....	....	1
											Females	85	84	31	8	10	4	3	2	1	2	....	....	....	....	2
Manistee	76	24	32	14	4	1	1	.....	.....	....	Males	.....	23	31	12	6	3	....	1	....	....	....	....	....	....	....
											Females	28	24	16	7	1	....	....	....	....	....	....	....	....	....	....
Manitou[c]	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....
Marquette	99	13	71	10	5	.....	.....	.....	.....	1	Males	4	30	36	13	9	2	3	1	1	....	....	....	....	....	....
											Females	37	33	8	12	4	1	2	1	1	....	....	....	....	....	....
Mason	51	26	12	10	2	1	....	.....	.....	....	Males	.....	14	17	8	6	1	2	2	....	....	1	....	....	....	....
											Females	16	15	7	2	3	3	2	1	1	....	....	....	....	....	1
Mecosta	38	46	19	14	8	.....	.....	.....	.....	1	Males	1	33	37	10	4	1	....	....	2	....	....	....	....	....	....
											Females	40	29	11	4	2	....	....	....	2	....	....	....	....	....	....
Menominee	29	9	15	4	1	.....	.....	.....	.....	....	Males	.....	11	12	4	1	....	....	....	1	....	....	....	....	....	....
											Females	12	13	2	.....	....	1	....	....	....	1	....	....	....	....	....
Midland	23	12	2	5	3	.....	.....	.....	.....	1	Males	1	7	8	3	1	1	1	....	1	....	....	....	....	....	....
											Females	12	6	2	.....	1	1	1	....	....	....	....	....	....	....	....
Missaukee	3	1	.....	1	1	.....	.....	.....	.....	....	Males	.....	2	.....	1	....	....	....	....	....	....	....	....	....	....	....
											Females	2	.....	1	.....	....	....	....	....	....	....	....	....	....	....	....
Monroe	285	198	28	37	16	1	.....	3	.....	2	Males	10	112	91	31	15	7	8	3	2	3	2	....	....	....	1
											Females	108	107	33	17	5	6	2	....	2	2	....	....	....	....	3
Montcalm	156	98	17	23	12	2	.....	3	.....	2	Males	3	73	39	16	9	3	1	2	3	....	2	....	....	....	....
											Females	79	43	13	6	5	2	3	3	....	1	....	....	....	....	1
Muskegon	162	78	41	27	11	3	1	.....	.....	1	Males	4	65	50	16	9	11	5	1	....	....	1	....	....	....	....
											Females	62	63	16	3	7	4	3	2	....	1	....	....	....	....	1
Newaygo	78	57	7	9	4	1	.....	.....	.....	....	Males	4	35	24	8	2	2	....	....	1	1	....	....	....	....	1
											Females	48	12	8	1	5	....	3	....	....	....	....	....	....	....	1
Oakland	325	239	16	35	21	5	1	1	.....	7	Males	3	135	94	30	25	11	10	3	5	3	2	....	2	....	2
											Females	93	135	48	20	8	4	3	3	2	2	2	....	1	....	4
Oceana	68	45	5	11	7	.....	.....	.....	.....	....	Males	2	31	17	10	3	....	3	....	2	....	....	....	....	....	....
											Females	38	19	4	3	3	....	....	....	1	....	....	....	....	....	....
Ogemaw	6	1	1	3	1	.....	.....	.....	.....	....	Males	.....	.....	3	1	....	1	....	....	1	....	....	....	....	....	....
											Females	3	1	.....	.....	....	....	....	1	1	....	....	....	....	....	....
Ontonagon	13	3	1	6	3	.....	.....	.....	.....	....	Males	.....	2	3	4	2	1	1	....	....	....	....	....	....	....	....
											Females	6	5	.....	1	....	....	1	....	....	....	....	....	....	....	....
Osceola	41	27	6	3	4	.....	.....	.....	1	....	Males	1	17	17	3	2	1	....	....	....	....	....	....	....	....	....
											Females	16	13	7	3	....	2	....	....	....	....	....	....	....	....	....

[a] No returns of marriages for 1876 to county clerk. [b] Includes two couples "America." [c] No return of marriages for 1876 to this Department.

TABLE VIII.—CONTINUED.—*Marriages by Counties, Nativity, and Periods of Age.*

COUNTIES.	Number of Couples Married, 1876.	NATIVITY OF PERSONS MARRIED, 1876, STATED BY COUPLES.									SEX STATED.	MARRIAGES AT DIFFERENT AGES, STATED IN PERIODS OF YEARS,—1876.														
		Both Native.	Both Foreign.	Foreign Males, Native Females.	Foreign Females, Native Males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both Unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and Over.	Unknown.
Otsego	13	5	2	2	4	----	----	----	----	----	Males	----	2	4	2	2	1	2	----	----	----	----	----	----	----	----
											Females	7	2	2	----	2	----	----	----	----	----	----	----	----	----	----
Ottawa	232	123	45	50	10	1	1	----	2	----	Males	6	93	71	27	12	8	2	4	3	2	3	1	----	----	----
											Females	98	90	16	7	8	3	4	2	1	1	----	----	----	----	2
Presque Isle	5	1	3	1	----	----	----	----	----	----	Males	----	2	2	1	----	----	----	----	----	----	----	----	----	----	----
											Females	3	1	1	----	----	----	----	----	----	----	----	----	----	----	----
Roscommon [a]	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Saginaw	384	150	107	78	40	2	4	----	----	3	Males	9	142	124	50	30	11	10	2	3	1	----	1	1	----	----
											Females	141	147	44	21	13	10	4	1	2	1	----	----	----	----	----
Sanilac	117	18	55	20	24	----	----	----	----	----	Males	1	45	31	11	11	2	4	6	2	----	3	1	----	----	----
											Females	47	36	13	5	6	----	3	1	3	2	----	----	----	----	1
Schoolcraft	5	1	2	2	----	----	----	----	----	----	Males	----	3	1	----	1	----	----	----	----	----	----	----	----	----	----
											Females	2	3	----	----	----	----	----	----	----	----	----	----	----	----	----
Shiawassee	180	133	12	22	11	----	----	1	----	1	Males	3	82	59	15	7	1	5	1	2	2	3	----	----	----	----
											Females	81	67	15	2	4	5	3	1	2	----	----	----	----	----	----
St. Clair	331	90	126	67	41	1	1	----	2	3	Males	11	136	105	38	23	9	3	1	1	1	1	2	----	----	----
											Females	133	124	41	14	6	3	3	2	----	----	----	----	----	----	5
St. Joseph	273	224	20	25	3	----	1	----	----	----	Males	11	124	74	21	14	8	7	4	6	----	1	1	1	1	----
											Females	116	101	18	17	5	7	2	----	3	2	1	----	----	1	----
Tuscola	147	80	22	25	20	----	----	----	----	----	Males	3	59	51	10	3	9	3	6	1	1	1	----	----	----	----
											Females	72	42	10	9	4	2	5	2	1	----	----	----	----	----	----
Van Buren	233	195	4	13	15	5	----	----	----	1	Males	6	106	57	22	13	10	6	5	1	5	1	----	----	----	1
											Females	98	83	18	13	3	8	6	1	1	----	----	----	----	----	2
Washtenaw	214	148	20	32	12	1	----	1	----	----	Males	4	81	74	24	8	8	6	2	2	1	----	3	----	----	1
											Females	56	80	46	13	10	2	2	----	1	1	1	----	----	----	2
Wayne	751	263	266	117	82	4	3	1	1	14	Males	17	246	233	93	56	29	20	19	12	5	2	3	1	----	6
											Females	199	301	120	44	32	17	18	5	3	3	1	----	----	----	8
Wexford	51	22	12	9	7	----	----	1	----	----	Males	1	17	14	11	3	2	1	1	----	1	----	----	----	----	----
											Females	22	15	4	3	4	1	----	----	----	1	----	----	----	----	1

[a] No returns of marriages for 1876 to county clerk.

EXHIBIT 2.—*Number of Persons Returned as having been Married in Michigan in 1876, by Sex, and Excess of the Sexes, by Age in Years.*

Age in Years.	Persons Married in 1876.			Excess.		Age in Years.	Persons Married in 1876.			Excess.	
	Total.	Males.	Females.	Males.	Females.		Total.	Males.	Females.	Males.	Females.
All ages	21,716	10,858	10,858	.....	.....	48	71	46	23	25	.....
						49	63	43	20	23	.....
13	3	.....	3	.....	3	50	95	67	28	39	.....
14	29	.....	29	.....	29	51	48	40	8	32	.....
15	125	.....	125	.....	125	52	55	36	19	17	.....
16	668	1	667	.....	666	53	39	23	16	7	.....
17	887	6	881	.....	875	54	35	25	10	15	.....
18	1,409	79	1,330	.....	1,251	55	54	33	21	12	.....
19	1,411	223	1,188	.....	965	56	61	44	17	27	.....
20	1,590	504	1,086	.....	582	57	39	25	14	11	.....
21	1,797	934	863	71	.....	58	25	16	9	7	.....
22	1,818	991	827	164	.....	59	21	16	5	11	.....
23	1,603	980	623	357	.....	60	53	38	15	23	.....
24	1,475	1,000	475	525	.....	61	18	15	3	12	.....
25	1,194	836	358	478	.....	62	21	15	6	9	.....
26	1,155	845	310	535	.....	63	22	11	11	.....	.....
27	857	629	228	401	.....	64	23	12	11	1	.....
28	722	524	198	326	.....	65	28	25	3	22	.....
29	518	383	135	248	.....	66	21	18	3	15	.....
30	530	358	172	186	.....	67	6	6	.....	6	.....
31	309	216	93	123	.....	68	13	10	3	7	.....
32	332	232	100	132	.....	69	6	5	1	4	.....
33	247	169	78	91	.....	70	13	10	3	7	.....
34	237	146	91	55	.....	71	7	7	.....	7	.....
35	302	209	93	116	.....	72	7	5	2	3	.....
36	195	116	79	37	.....	73	5	4	1	3	.....
37	155	105	50	55	.....	74	4	3	1	2	.....
38	182	114	68	46	.....	75	4	4	.....	4	.....
39	143	94	49	45	.....	76	2	2	.....	2	.....
40	187	108	79	29	.....	77	5	4	1	3	.....
41	83	55	28	27	.....	78	2	1	1	.....	.....
42	119	77	42	35	.....	79	1	1	.....	1	.....
43	82	49	33	16	.....	80	1	.....	1	.....	1
44	76	46	30	16	.....	81	2	2	.....	2	.....
45	116	73	43	30	.....	86	1	.....	1	.....	1
46	96	61	35	26	.....	Unknown	122	43	79	.....	36
47	71	38	33	5	.....						

Exhibit 2 is of interest in showing the contrast in the ages of persons of the two sexes, married in 1876. At ages 13 to 21 years, there was an excess of girls, while at all ages between those of 20 and 80 years there was an excess of males.

Table IX. shows, by counties, the number of males and of females under the age of 21 years returned as having been married in 1876. According to the table, there were 6,122 persons,—813 males and 5,309 females,—married in Michigan in 1876 under 21 years of age. This is a larger number of each sex than appears for any preceding year; and the number of each sex has increased with each year since 1869, with the single exception of 1871. The number of persons married under the age of 21 years in each of the years 1869–1876 is as follows: 1869, 4,390; 1870, 4,905; 1871, 5,425; 1872, 5,286; 1873, 5,539; 1874, 5,946; 1875, 6,017; 1876, 6,122. Nearly one-half (48.89 per cent) of all the females married in 1876 were under the age of 21 years.

In Table IX. may also be seen, so far as returned, the number of persons married in this State in 1876 who were not of legal marriageable age. According to the returns, 164 persons were thus illegally married in 1876. The law, printed in the back part of this Report, is very explicit on this point, and exposes the person who undertakes to join others in marriage, knowing of the above mentioned legal impediment, to the liability of paying a fine of five hundred dollars and of spending a year in the county jail.

TABLE IX.—*Exhibiting for the State and Counties, the Total Number, and Number of each Sex under 21 years of age, and the Number of each Sex at each Age under that of 21 Years, Returned as having been Married in Michigan during the Year ending December 31, 1876.*

STATE AND COUNTIES.	Persons Married Under 21 Years of Age, 1876.			Ages of Males, 1876.					Ages of Females, 1876.							
	Total.	Males.	Females.	Twenty.	Nineteen.	Eighteen.	Seventeen.[a]	Sixteen.[a]	Twenty.	Nineteen.	Eighteen.	Seventeen.	Sixteen.	Fifteen.[a]	Fourteen.[a]	Thirteen.[a]
STATE	6,122	813	5,309	504	223	79	6	1	1,086	1,188	1,330	881	667	125	29	3
Alcona	5	----	5	....	....	....	....	....	1	1	2	1	....	....	....	....
Allegan	183	24	159	13	7	3	....	1	28	39	51	25	15	1	....	....
Alpena	23	2	21	1	1	....	....	....	5	4	2	7	2	1	....	....
Antrim	20	2	18	....	1	1	....	....	1	1	3	4	5	2	1	1
Baraga	8	----	8	....	....	....	....	....	4	----	2	1	1	....	....	....
Barry	116	12	104	6	6	....	....	....	19	19	25	19	20	1	1	....
Bay	92	10	82	7	2	1	....	....	22	16	22	9	12	1	....	....
Benzie	21	3	18	1	2	....	....	....	4	3	5	2	3	....	1	....
Berrien	248	33	215	23	3	7	....	....	56	58	56	21	22	1	1	....
Branch	174	26	148	16	8	2	....	....	30	28	38	32	16	3	1	....
Calhoun	161	31	130	16	11	4	....	....	26	32	34	24	13	1	....	....
Cass	123	15	108	12	....	3	....	....	11	29	29	20	16	3	....	....

[a] Not legal marriages. For law and penalty to persons solemnizing, see sections (4719), (4720), (4728), and (4729), Compiled Laws of 1871, pages 1462, 1463, and 1464, printed also in back part of this Report.

TABLE IX.—CONTINUED.—*Persons Married under 21 Years of Age.*

COUNTIES.	Persons Married Under 21 Years of Age, 1876.			Ages of Males, 1876.					Ages of Females, 1876.							
	Total.	Males.	Females.	Twenty.	Nineteen.	Eighteen.	Seventeen.[a]	Sixteen.[a]	Twenty.	Nineteen.	Eighteen.	Seventeen.	Sixteen.	Fifteen.[a]	Fourteen.[a]	Thirteen.[a]
Charlevoix	17	1	16	1	....	....	....	....	3	.....	5	2	4	2	....	....
Cheboygan	18	4	14	1	2	1	....	....	.....	5	.....	4	3	2	....	....
Chippewa	5	.....	5	....	....	....	....	....	1	2	2	....	....	....	....	....
Clare	4	1	3	....	1	....	....	....	.....	1	.....	....	2	....	....	....
Clinton	118	18	100	12	4	2	....	....	22	29	23	16	7	2	1	....
Delta	16	.....	16	....	....	....	....	....	4	2	3	2	3	2	....	....
Eaton	180	29	151	18	8	2	1	....	33	23	34	29	24	6	2	....
Emmet	11	1	10	....	....	1	....	....	1	1	3	1	3	....	1	....
Genesee	189	27	162	19	6	2	....	....	34	39	38	30	19	2	....	....
Gladwin[b]	.....	.....	.....	....	....	....	....	....	.....	.....	.....	....	....	....	....	....
Grand Traverse	34	3	31	2	1	....	....	....	7	6	3	8	4	3	....	....
Gratiot	74	12	62	7	3	2	....	....	9	10	15	14	13	1	....	....
Hillsdale	222	33	189	15	14	4	....	....	42	27	55	39	24	1	1	....
Houghton	71	5	66	3	2	....	....	....	11	16	16	15	5	3	....	....
Huron	90	9	81	6	2	1	....	....	13	16	17	20	13	1	1	....
Ingham	151	28	123	19	7	2	....	....	27	29	36	16	12	2	1	....
Ionia	155	21	134	13	6	2	....	....	28	28	33	27	15	2	1	....
Iosco	12	2	10	2	....	....	....	....	.....	2	3	....	2	3	....	....
Isabella	39	6	33	4	1	1	....	....	2	7	9	4	7	2	2	....
Isle Royal[b]	.....	.....	.....	....	....	....	....	....	.....	.....	.....	....	....	....	....	....
Jackson	181	33	148	16	12	3	2	....	30	43	34	24	14	3	....	....
Kalamazoo	112	19	93	11	6	1	1	....	23	26	19	17	6	2	....	....
Kalkaska	9	1	8	1	....	....	....	....	2	1	3	1	1	....	....	....
Kent	250	28	222	19	8	1	....	....	49	50	57	33	27	3	3	....
Keweenaw	28	1	27	1	....	....	....	....	3	7	8	4	3	1	1	....
Lake	9	2	7	1	1	....	....	....	.....	.....	2	1	1	3	....	....
Lapeer	104	11	93	5	5	1	....	....	23	20	30	8	8	4	....	....
Leelanaw	24	2	22	1	1	....	....	....	4	7	2	5	3	....	1	....
Lenawee	216	29	187	18	8	2	1	....	41	37	48	33	23	5	....	....
Livingston	77	13	64	8	4	1	....	....	14	14	17	8	11	....	....	....
Mackinac	5	1	4	1	....	....	....	....	1	.....	2	....	1	....	....	....
Macomb	124	17	107	12	2	3	....	....	22	30	28	14	9	4	....	....
Manistee	38	.....	38	....	....	....	....	....	10	4	8	11	5	....	....	....
Manitou[c]	.....	.....	.....	....	....	....	....	....	.....	.....	.....	....	....	....	....	....
Marquette	48	6	42	2	3	1	....	....	5	9	13	8	5	1	1	....

[a] Not legal marriages. For law and penalty to persons solemnizing, see sections (4719), (4720), (4728), and (4729), Compiled Laws of 1871, pages 1462, 1463, and 1464, printed also in back part of this Report.

[b] No returns of marriages for 1876 to county clerk.

[c] No returns of marriages for 1876 from county clerk to this Department.

TABLE IX.—CONTINUED.—*Persons Married under 21 Years of Age.*

COUNTIES.	PERSONS MARRIED UNDER 21 YEARS OF AGE, 1876.			AGES OF MALES, 1876.					AGES OF FEMALES, 1876.							
	Total.	Males.	Females.	Twenty.	Nineteen.	Eighteen.	Seventeen.[a]	Sixteen.[a]	Twenty.	Nineteen.	Eighteen.	Seventeen.	Sixteen.	Fifteen.[a]	Fourteen.[a]	Thirteen.[a]
Mason	22	3	19	3	....	....	....	....	3	4	2	7	1	1	1	....
Mecosta	51	4	47	3	....	1	....	....	7	11	8	8	9	1	2	1
Menominee	15	.....	15	....	....	....	....	....	3	2	5	3	....	2	....	....
Midland	14	1	13	....	1	....	....	....	1	3	2	3	2	2	....	....
Missaukee	2	.....	2	....	....	....	....	....	.....	.....	.....	....	2	....	....	....
Monroe	155	18	137	8	9	1	....	....	29	29	44	18	14	2	....	1
Montcalm	102	15	87	12	2	1	....	....	8	19	21	14	21	3	1	....
Muskegon	93	10	83	6	4	....	....	....	21	19	16	8	17	2	....	....
Newaygo	62	8	54	4	3	1	....	....	6	6	21	13	5	3	....	....
Oakland	140	16	124	13	2	1	....	....	31	24	36	25	7	1	....	....
Oceana	49	3	46	1	....	2	....	....	8	8	8	8	11	2	1	....
Ogemaw	4	.....	4	....	....	....	....	....	1	.....	1	....	2	....	....	....
Ontonagon	8	.....	8	....	....	....	....	....	2	.....	2	2	2	....	....	....
Osceola	23	3	20	2	....	1	....	....	4	4	5	1	5	1	....	....
Otsego	8	.....	8	....	....	....	....	....	1	3	4	....	....	....	....	....
Ottawa	139	18	121	12	5	1	....	....	23	30	30	20	17	1	....	....
Presque Isle	4	1	3	1	....	....	....	....	.....	1	.....	1	1	....	....	....
Roscommon[b]	.....	.....	.....	....	....	....	....	....	.....	.....	.....	....	....	....	....	....
Saginaw	212	30	182	21	5	4	....	....	41	47	40	30	20	3	1	....
Sanilac	68	4	64	3	1	....	....	....	17	15	9	8	12	3	....	....
Schoolcraft	2	.....	2	....	....	....	....	....	.....	.....	.....	....	1	....	1	....
Shiawassee	116	16	100	13	2	1	....	....	19	22	22	21	14	2	....	....
St. Clair	193	25	168	14	6	5	....	....	35	48	37	20	25	3	....	....
St. Joseph	178	32	146	21	9	2	....	....	30	37	37	25	16	1	....	....
Tuscola	88	6	82	3	2	....	1	....	10	16	18	12	17	9	....	....
Van Buren	148	27	121	21	6	....	....	....	23	29	28	23	13	4	1	....
Washtenaw	87	13	74	9	4	....	....	....	18	22	20	7	7	....	....	....
Wayne	304	37	267	20	14	3	....	....	68	65	73	40	17	4	....	....
Wexford	30	2	28	1	....	1	....	....	6	3	6	5	7	1	....	....

[a] Not legal marriages. For law and penalty to persons solemnizing, see sections (4719), (4720), (4728), and (4729), Compiled Laws of 1871, pages 1462, 1463, and 1464, printed also in back part of this Report.

[b] No returns of marriages for 1876 to county clerk.

MANNER OF UNION BY AGES.

Table X. is planned to show the number of males at each period of age who married females at each of the periods of age. The periods of age of the males are indicated in the first column, and of the females across the top of the table; and the table is explained as follows: Of the 309 males under 20 years of age, as shown by the column headed "Total Males," 251

married females under 20 years of age, 50 married females between 20 and 25 years of age, 5 married females between 25 and 30 years of age, 2 aged 30 to 35 years, and 1 of unknown age. In the same manner each number of males in the column headed "Total Males" is distributed throughout the table in the various columns headed with the ages of the females. The 4,223 females married under 20 years of age, as shown in the second column on the line next to the bottom line of the table, headed "Total females," married males as follows: 251 married males under 20 years of age, 2,448 married males between 20 and 25 years of age, 1,156 married males between 25 and 30 years of age, etc., down the column. The last column shows the proportion of males married at each period of age, and the bottom line shows the proportion of females married at each period of age. The largest per cent appears for those aged 20 to 25 years, and the largest proportion of females is shown for those under 20 years of age.

TABLE X.—*Exhibiting the Number of each Sex at each Period of Age who were Married in Michigan during the Year 1876; the Number of each Sex at each Period of Age who were United to the Opposite Sex at each Period of Age; and the Per Cent of Brides and of Bridegrooms at each Period of Age to Total at All Ages.*

AGES OF MALES, 1876.	AGES OF FEMALES, 1876.														Total Males.	Per Cent of Grooms at Each Age.
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and Over.	Unkn'wn.		
Under 20	251	50	5	2	....	....	....	....	....	....	....	....	....	....	1	309	2.84
20 to 25	2,448	1,705	184	34	11	2	2	....	....	....	....	....	....	1	22	4,409	40.61
25 to 30	1,156	1,396	538	85	27	8	2	1	....	....	....	....	....	....	4	3,217	29.63
30 to 35	251	454	227	132	36	13	3	....	....	....	....	....	....	....	5	1,121	10.32
35 to 40	80	176	139	123	77	27	10	4	1	....	....	....	....	....	1	638	5.88
40 to 45	15	49	62	72	64	48	15	8	....	1	....	....	....	....	1	335	3.08
45 to 50	14	23	46	43	50	35	30	15	5	2	....	....	....	....	....	263	2.42
50 to 55	4	12	15	23	36	39	30	17	7	5	1	....	....	....	2	191	1.76
55 to 60	3	2	8	11	17	22	33	15	18	4	....	....	1	....	....	134	1.23
60 to 65	.....	5	2	4	9	10	20	10	16	10	2	2	....	....	1	91	.84
65 to 70	1	1	1	3	7	5	5	8	14	14	3	2	....	....	....	64	.59
70 to 75	.....	.....	1	1	4	2	3	3	3	8	2	1	....	....	1	29	.27
75 to 80	.....	.....	1	....	1	1	1	....	2	2	1	2	1	....	....	12	.11
80 and over	.....	.....	.....	....	....	....	....	....	....	....	1	....	....	1	....	2	.02
Unknown	.....	1	.....	1	....	....	....	....	....	....	....	....	....	....	41	43	.40
Total Females	4,223	3,874	1,229	534	339	212	154	81	66	46	10	7	2	2	79	10,858	.....
Per Ct. of Brides at each Age	38.89	35.68	11.32	4.92	3.12	1.95	1.42	.75	.61	.42	.09	.06	.02	.02	.73	.....	100.00

GREAT DIFFERENCES IN AGES OF PERSONS MARRIED.

Exhibit 3 is a new one, planned to show the individual ages of the persons with great disparity of ages married in Michigan in 1876, according to the returns. It represents the same couples that are represented in Table XI., pages 100–101. It shows the manner of union by ages of old men with young women, and of young men with old women. In the body of the exhibit, the numbers represent couples, while the numbers in the total columns represent individuals. For instance, the first number in the total line for females is 86, and represents the total number of females who married, in 1876, males whose ages were much greater or much less than the ages of the females; the next figure is three, and indicates that three females fifteen years old married males the age of each of which may be found by tracing down the column; and so on throughout the line to the right hand. In the total column for males, the first number is 86, and shows that eighty-six males married females much older or much younger than the males were; the next number down the column is 1, and shows that one male aged 18 years married in 1876, and the age of the female whom he married is found, by following the line out to the right, to be 34 years; and so on for each number down the column of total males. But in the body of the exhibit, each number represents so many couples. Taking the age of the males at 28 years (as indicated in the first column), we find that there were 4 males who married females at ages as follows (as respectively indicated by the line of ages of females across the top of the exhibit): 1 aged 38 years, 1 aged 40 years, and 2 aged 42 years; and taking the age of males at 66 years, we find that one male aged 66 years married a female aged 16 years.

EXHIBIT 3.—*Marriages in 1876 of Persons of widely Different Ages, showing the Total Number, the Number of each Sex, at each Age, and the respective ages of the persons in each couple thus united.*

| AGES OF MALES. | TOTAL MALES. | AGES OF FEMALES,—1876. | | |

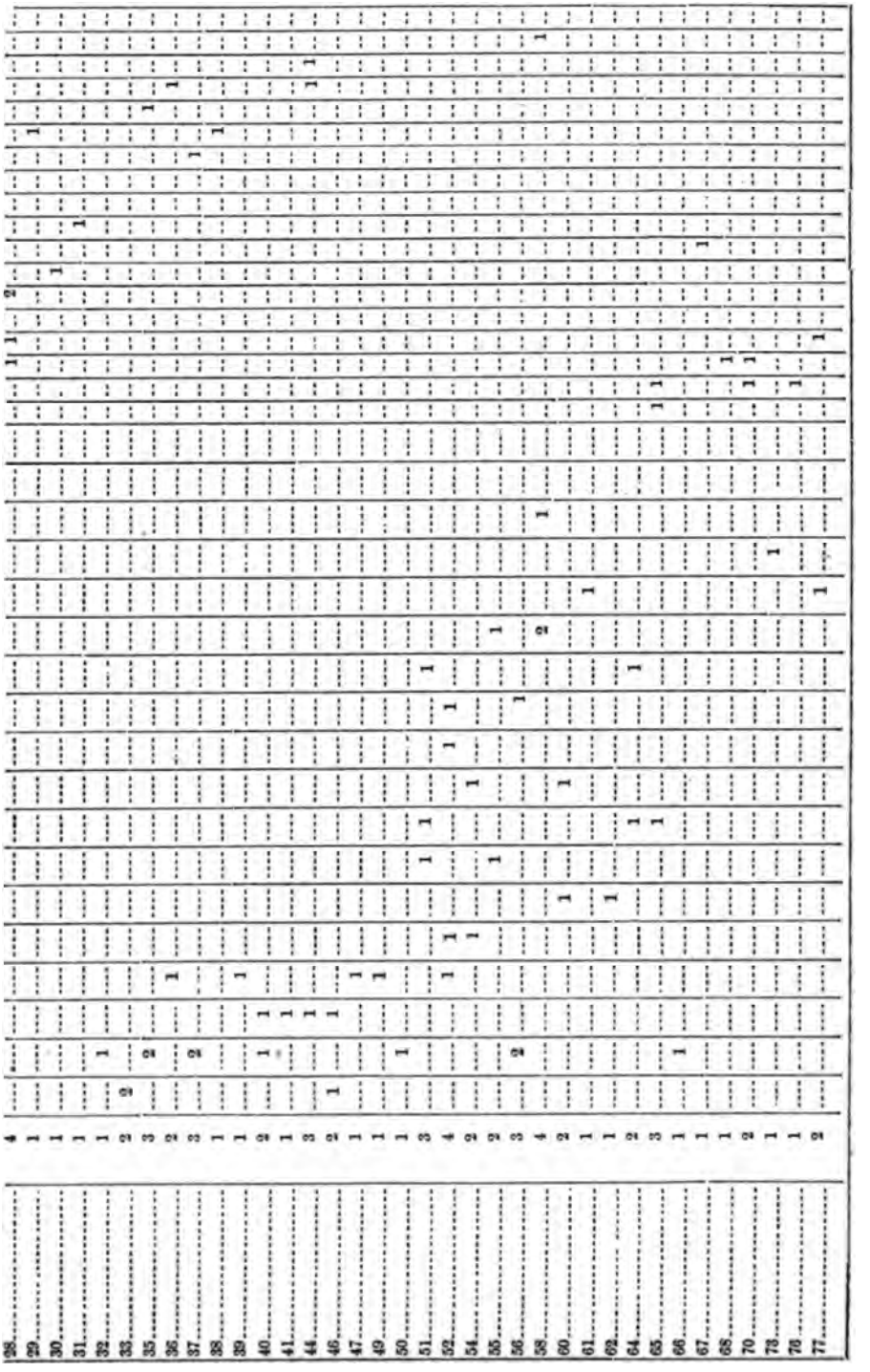


Table XI. presents in detail by counties certain facts reported concerning the marriage in Michigan, in 1876, of persons between whom there was great disparity of ages. The marriage with the greatest disparity of ages, among those cases in which the bridegroom was the older, was returned in Gratiot county, the bridegroom being reported to have been 66 years, and the bride 16 years, making a disparity of 50 years. Among those cases in which the bride was the older, the greatest disparity is shown for a couple returned in Kent county, in which case the bridegroom is reported to have been 24 years, and the bride 80 years old,—a disparity of 56 years.

TABLE XI.—*Marriages with Great Disparity of Ages Returned as having been Solemnized in Michigan during the Year ending December 31, 1876.*

COUNTIES.	BRIDEGROOM OLDEST,—1876.					BRIDE OLDEST,—1876.				
	OCCUPATION OF BRIDEGROOM.	BIRTHPLACE.		AGE.		OCCUPATION OF BRIDEGROOM.	BIRTHPLACE.		AGE.	
		Bridegroom.	Bride.	Bride-groom.	Bride.		Bridegroom.	Bride.	Bride-groom.	Bride.
Allegan	Farmer / Druggist	Michigan / New York	Michigan / Ohio	46 / 36	17 / 18					
Alpena	Supt. Gas Works	Ireland	Connecticut	77	28					
Baraga						Farmer	Canada	Canada	36	54
Barry	Merchant	New York	New York	58	27	Printer	N. Y. City	Massachusetts	23	35
Bay	Laborer	Sweden	Michigan	46	15					
Benzie	Farmer	New York City.	Michigan	39	18					
Berrien	Farmer	Indiana	Indiana	52	24	Farmer	Iowa	Germany	20	40
Branch	Farmer	New York	Ohio	61	28					
Calhoun	Farmer	New York	Ireland	70	37					
Cass	Farmer	Ohio	Michigan	51	22	Cabinet-maker	New York	New York	21	35
Charlevoix	Merchant	New York	Michigan	35	16					
Clinton	Farmer	New York	New York	60	23	Farmer	Pennsylvania.	Canada	23	37
Delta	Laborer	Ireland	Michigan	33	15					
Eaton	Carpenter	Connecticut	New York	65	22					
Emmet						Day Laborer	Michigan	Michigan	18	34
Genesee	Farmer	New York	Michigan	37	16	Farmer	Pennsylvania.	Canada	26	40
Grand Traverse	Carpenter	Ohio	Germany	41	17					
Gratiot	Farmer.	New York	Michigan	66	16					
Hillsdale	Taylor	Ireland	New York	62	20	Farmer	Ohio	New York	28	42
Houghton						Laborer	Finland	Norway	29	50
Huron	Farmer	Norway	Norway	51	21	Farmer	New York	Canada	33	50

Ingham	Farmer	Canada	Michigan	64	22					
Ionia	Farmer	New York	New York	58	27					
Iosco						Laborer	Canada	Canada	27	41
Isabella						Farmer	Michigan	Connecticut	26	42
Jackson	Farmer	New York	Iowa	52	19	Cooper	New York	New York	24	34
Kalamazoo	Miller	New York	New York	54	19	Farmer	Canada	Ohio	27	40
Kent	Unknown	Rhode Island	Michigan	73	29	Machine hand	Netherland	Netherland	24	80
Keweenaw	Butcher	Germany	Wisconsin	40	17					
Lapeer	Farmer	Canada	Canada	52	25	Farmer	New York	Michigan	28	42
Lenawee	Machinist	Virginia	Michigan	52	18					
Livingston	Farmer	New York	Michigan	60	20	Merchant	Michigan	Michigan	20	30
Mackinac	Fisherman	Michigan	Michigan	35	16					
Macomb	Farmer	New Hampshire	Michigan	55	27					
Manistee	Painter	New York	Pennsylvania	54	23					
Marquette	Miner	Sweden	Sweden	40	16	Laborer	Italy	Italy	27	46
Mason	Farmer	Connecticut	Pennsylvania	65	35					
Mecosta	Farmer	New York	Pennsylvania	33	15					
Monroe	Farmer	Vermont	Michigan	64	26	Farmer	Michigan	New York	22	48
Montcalm	Laborer	New York	Michigan	56	16	Farmer	Arkansas	New York	44	60
Muskegon	Farmer	Ohio	Ohio	51	26	Farmer	Michigan	Pennsylvania	28	38
Newaygo	Farmer	Ohio	Pennsylvania	44	17	Farmer	Connecticut	Ohio	24	48
Oakland	Farmer	New York	Michigan	77	40	Farmer	England	England	58	78
Ogemaw	Farmer	Ontario	Michigan	32	16	Farmer	New York	England	44	54
Ontonagon	Miner	Isle of Man	Michigan	49	18	Laborer	Canada	Michigan	37	49
Osceola						Farmer	Unknown	Sweden	28	40
Otsego	Carpenter	New York	Ireland	47	18					
Ottawa	Farmer	Massachusetts	New York	70	38	Shingle maker	Pennsylvania	Pennsylvania	31	45
Saginaw	Merchant	Russia	Michigan	56	25	Farmer	Michigan	Michigan	21	32
Sanilac	Farmer	Canada	Scotland	68	38	Laborer	Michigan	England	35	52
Shiawassee	Farmer	New York	England	67	44					
St. Clair	Clerk G. T. R. R.	Scotland	Nova Scotia	65	37	Weaver	Germany	Germany	30	43
St. Joseph	Laborer	Pennsylvania	Ohio	58	30	Merchant	Indiana	Ohio	19	30
Tuscola	Farmer	Canada	Michigan	50	16					
Van Buren	Farmer	Michigan	Michigan	56	16	Farmer	Michigan	New York	23	40
Washtenaw	Laborer	New York	England	55	21					
Wayne	Farmer	New York	Ireland	76	37	Laborer	Canada	Canada	25	46
Wexford	Blacksmith	Sweden	New York	37	16					

TABLE XII.—*Exhibiting for the State and Counties, the Number of Marriages in Michigan during each of the Years 1869 to 1876, inclusive, Returned previous to April 1, 1878; for the Years 1873, 1874, and 1875, the Number as first Returned, and the Number Returned since Compilation; the Number of Inhabitants in 1874; the Number of Inhabitants in 1874 to one Marriage in 1876; and the Per Cent of Marriages in 1876 to Inhabitants in 1874.*

STATE AND COUNTIES.	MARRIAGES.														Population, 1874, Represented by Marriages in 1876.	Number of Inhabit'ts in 1874 to one Marriage in 1876.	Per Ct. of Marriages in 1876 to Population in 1874.
	1869.	1870.	1871.	1872.	1873.			1874.			1875.			1876.			
	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number returned.			
STATE	10,438	9,791	10,605	10,737	10,574	1,277	11,851	11,041	1,094	12,135	11,055	537	11,592	10,858	1,332,829	123	.81
Alcona	8	16	9	8	4	3	7	10	.....	10	13	.....	13	5	1,214	243	.41
Allegan	260	278	215	251	242	8	250	277	1	278	298	.....	298	306	32,381	106	.94
Alpena	44	8	31	58	42	.....	42	58	4	62	36	11	47	41	4,807	117	.85
Antrim	14	16	18	20	42	.....	42	30	.....	30	13	.....	13	24	3,002	125	.80
Baraga	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	9	11	a	.....	.....
Barry	168	172	156	156	184	1	185	176	3	179	172	15	187	193	22,051	114	.88
Bay	138	126	121	176	150	5	155	203	7	210	196	3	199	174	24,832	143	.70
Benzie	12	18	19	14	23	1	24	17	.....	17	34	.....	34	32	2,663	83	1.20
Berrien	393	365	400	449	329	103	432	304	122	426	388	.....	388	471	35,029	74	1.34
Branch	275	273	269	259	232	3	235	309	.....	309	301	1	302	281	25,726	92	1.09
Calhoun	278	291	276	355	283	13	296	341	12	353	343	.....	343	264	35,655	135	.74
Cass	169	201	205	211	204	22	226	202	11	213	180	14	194	202	20,525	102	.98
Charlevoix	6	18	18	19	17	.....	17	23	.....	23	21	.....	21	25	2,360	94	1.06
Cheboygan	15	14	21	7	23	.....	23	20	3	23	16	.....	16	23	3,070	133	.7

Chippewa	13	13	11	7	10	.....	10	6	.....	6	12	.....	12	10	2,170	217	.46
Clare	.....	.....	13	8	15	.....	15	6	.....	6	19	.....	19	7	1,354	193	.50
Clinton	218	183	177	164	144	57	201	160	46	206	195	2	197	199	23,661	119	.84
Delta	6	21	15	45	.....	47	47	38	.....	38	22	.....	22	27	4,741	176	.57
Eaton	199	214	227	240	179	36	215	228	54	282	247	17	264	259	26,907	104	.96
Emmet	13	11	14	9	5	.....	5	23	.....	23	13	.....	13	21	1,272	61	1.65
Genesee	342	324	283	292	209	103	312	314	2	316	331	6	337	330	34,568	105	.95
Gladwin [b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	[b]	.....	.....	.....
Grand Traverse	36	20	33	33	31	1	32	34	6	40	53	7	60	61	5,349	88	1.14
Gratiot	91	77	112	90	121	19	140	90	13	103	141	.....	141	93	13,886	149	.67
Hillsdale	331	325	324	357	308	29	337	404	14	418	370	5	375	358	31,566	88	1.13
Houghton	72	25	90	106	191	.....	191	136	.....	136	115	7	122	136	[a] 19,030	140	.71
Huron	67	72	63	87	90	.....	90	78	.....	78	111	1	112	129	11,964	93	1.08
Ingham	229	215	239	229	269	19	288	281	2	283	309	27	336	269	29,193	109	.92
Ionia	249	221	263	268	292	4	296	248	30	278	252	14	266	268	28,376	106	.94
Iosco	14	28	44	46	46	2	48	21	.....	21	22	.....	22	17	[c] 4,575	269	.37
Isabella	32	37	39	44	31	7	38	50	11	61	51	1	52	53	6,059	114	.87
Isle Royal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]	.....	.....	.....
Jackson	354	342	330	312	291	40	321	363	9	372	327	24	351	330	37,988	115	.87
Kalamazoo	335	334	316	346	290	12	302	302	15	317	303	4	307	250	32,284	129	.77
Kalkaska	.....	.....	3	5	4	.....	4	9	.....	9	7	.....	7	11	1,259	114	.87
Kent	526	426	492	556	588	18	606	520	105	625	634	2	636	487	62,671	129	.78
Keweenaw	35	13	11	12	26	.....	26	35	.....	35	32	1	33	40	5,411	135	.74
Lake	.....	.....	.....	8	11	.....	11	14	.....	14	14	.....	14	10	1,813	181	.55
Lapeer	173	185	159	162	187	3	190	194	4	198	193	2	195	195	25,140	129	.78
Leelanaw	43	29	45	31	42	2	44	42	4	46	33	.....	33	35	5,031	144	.70

[a] Population of Baraga county is included in the statement of the population of Houghton county, and cannot be ascertained.
[b] No returns of marriages for 1876 to county clerk.
[c] Population of townships 21 north, ranges 3 and 4 east, in Ogemaw county, and of the north quarter of the county cannot be ascertained, and is included in the statement of the population of Iosco county.

TABLE XII.—CONTINUED.—*Marriages Corrected by Counties.*

COUNTIES.	MARRIAGES.													Population, 1874, Represented by Marriages in 1876.	Number of Inhabit'ts in 1874 to one Marriage in 1876.	Per Ct. of Marriages in 1876 to Population in 1874.
	1869.	1870.	1871.	1872.	1873.			1874.			1875.			1876.			
	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 1, 1878.	Number returned.			
Lenawee	484	422	410	503	454	56	510	441	38	479	440	29	469	389	46,084	118	.84
Livingston	143	116	148	160	134	.....	134	151	2	153	153	4	157	140	20,329	145	.69
Mackinac	13	17	3	14	6	2	8	26	.....	26	11	.....	11	11	1,496	136	.74
Macomb	217	208	232	158	200	14	214	180	65	245	192	12	204	232	28,305	122	.82
Manistee	83	84	85	51	97	13	110	67	2	69	71	.....	71	76	8,471	111	.90
Manitou[a]	.....	.....	4	3	2	.....	2	8	.....	8	.....	.....	.....	a	.....	.....	.....
Marquette	81	145	145	199	267	17	284	206	9	215	138	2	140	99	21,946	222	.45
Mason	27	26	36	30	41	3	44	37	.....	37	44	8	52	51	5,361	105	.95
Mecosta	82	56	62	85	95	.....	95	87	2	89	83	.....	83	88	9,132	104	.96
Menominee	11	4	9	17	22	.....	22	19	.....	19	29	.....	29	29	3,490	120	.83
Midland	27	31	26	33	49	1	50	23	.....	23	38	1	39	23	4,765	207	.48
Missaukee	.....	1	1	4	4	.....	4	2	.....	2	5	.....	5	3	606	202	.50
Monroe	229	223	235	212	236	13	249	246	64	310	307	1	308	285	30,111	106	.95
Montcalm	96	90	125	140	171	6	177	165	25	190	164	33	197	156	20,815	133	.75
Muskegon	153	101	132	168	187	2	189	158	1	159	143	6	149	162	19,375	120	.84
Newaygo	58	59	66	69	81	4	85	86	2	88	86	.....	86	78	8,758	112	.89
Oakland	335	322	350	304	239	15	254	273	20	293	310	4	314	325	38,082	117	.85
Oceana	79	61	60	57	31	12	43	77	2	79	69	.....	69	68	8,360	123	.81
Ogemaw	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	c 207	35	2.90

Ontonagon	15	11	6	12	21	1	22	14	2	16	10	2	12	13	2,406	185	.54
Osceola	15	14	31	47	62	.....	62	47	.....	47	35	.....	35	41	6,216	152	.66
Otsego	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4	13	238	18	.55
Ottawa	215	187	204	190	238	.....	238	224	12	236	237	.....	237	232	29,929	129	.78
Presque Isle	.....	.....	.....	5	7	.....	7	10	.....	10	.....	3	3	5	1,615	323	.31
Roscommon[b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4	[b]	.....	.....	.....
Saginaw	188	310	389	465	428	9	437	379	33	412	355	7	362	384	48,409	126	.79
Sanilac	107	100	113	117	89	22	111	107	.....	107	132	1	133	117	16,292	139	.72
Schoolcraft	.....	2	.....	5	8	.....	8	6	.....	6	5	.....	5	5	1,290	258	.39
Shiawassee	171	124	164	136	116	43	159	152	37	189	158	6	164	180	21,773	121	.83
St. Clair	287	308	339	343	290	66	356	389	31	400	327	14	341	331	40,688	123	.81
St. Joseph	313	236	330	270	276	6	282	278	28	306	265	29	294	273	25,906	95	1.05
Tuscola	75	101	115	133	121	13	134	121	29	150	138	3	141	147	16,998	116	.86
Van Buren	234	213	227	239	261	19	280	257	24	281	225	3	228	233	29,156	125	.80
Washtenaw	364	324	312	333	234	71	305	214	84	298	205	53	258	214	38,723	181	.55
Wayne	1,154	979	1,146	786	932	311	1,243	1,023	103	1,126	823	143	966	751	144,903	193	.52
Wexford	4	5	9	9	30	.....	30	22	1	23	21	9	30	51	3,011	59	1.69

[a] No returns of marriages for 1876 from the county clerk to this Department.
[b] No returns of marriages for 1876 to county clerk.
[c] Population of townships 21 north, ranges 3 and 4 east, in Ogemaw county, and of the north quarter of the county cannot be ascertained, and is included in the statement of the population of Iosco county.

EXHIBIT D.—*Number of Inhabitants to One Marriage, as stated for Different Foreign Countries, the United States, and some of the States of the Union. The Statements for Michigan include only the Inhabitants of Counties Represented by Returns of Marriages.*

COUNTRY, STATE, OR CITY.	Year for which the Statement is made.	Inhabitants to one Marriage Annually.	COUNTRY, STATE, OR CITY.	Year for which the Statement is made.	Inhabitants to one Marriage Annually.
Austria	----	117	Minnesota [a]	1870	116
Bavaria	----	160	Massachusetts [b]	1870	99
Belgium	----	122	Massachusetts [b]	1871	95
Denmark	----	129	Massachusetts [b]	1872	95
England	----	122	Massachusetts [b]	1873	96
Finland	----	141	Massachusetts [b]	1874	103
France	----	122	Massachusetts [b]	1875	121
Greece	----	174	Massachusetts [b]	1876	133
Holland	----	129	New Jersey [c]	1870	135
Norway	----	124	New York City [d]	1869	106
Prussia	----	106	New York City [e]	1870	118
Russia	----	111	Michigan [f g]	1869	106
Saxony	----	107	Michigan [f]	1870	121
Spain	----	141	Michigan [f g]	1871	117
Sweden	----	135	Michigan [f g]	1872	121
United States	1860	122	Michigan [f g]	1873	115
New York	1860	135	Michigan [f g]	1874	117
Massachusetts	1865	97	Michigan [f h]	1874	110
Ohio	----	105	Michigan [f i]	1875	122
Minnesota	1860	110	Michigan [i]	1876	135
Minnesota	1868	107			

Taken from "Statistics of Minnesota for 1869."

[a] Taken from Statistics of Minnesota for 1870.
[b] Taken from Registration Report of Massachusetts for 1876, page 18.
[c] There were 16 Townships from which no returns of marriages were received. Computed from data in Registration Report of New Jersey for 1870.
[d] Computed from data in Report of Metropolitan Board of Health for 1869.
[e] Computed from data in Report of Board of Health, of Health Department, for 1870.
[f] Marriages corrected, for additional returns, up to April 1, 1878.
[g] Population estimated from Censuses of 1860 and 1870.
[h] Population as per Census of Michigan, 1874.
[i] Population estimated from Censuses of 1864 and 1874.

DEATHS, 1876.

The compilation of the statistics of deaths, made from the returns of the county clerks, shows that 12,576 deaths occurred in Michigan during the year 1876,—a larger number than was returned for any previous year except 1872 and 1873. If the usual method of correction is applied to the number returned for 1876, to correct for omissions in the enumeration, the number which probably occurred in this State in 1876 is shown to be 18,389, including deaths in months not stated. For the year 1876, the per cent by which the deaths returned are increased, according to the system of correction, in order to learn the number of deaths which probably occurred, was 46.34; and as the number of deaths returned for 1876 does not greatly differ from the number in 1875, the compiler's method of correction is thought to be satisfactory for that year. It is, therefore, probable that an addition of 46.34 per cent of the number returned is necessary to show the number of deaths which occurred in 1876, and that the whole number of deaths which occurred was nearer 18,389 than the number returned,—12,576.

Throughout the tables, exhibits, and remarks, relating to the deaths, the compiler endeavors to specify distinctly whether the statements relate to the deaths returned, or the deaths which probably occurred. In many of the tables and exhibits it probably makes little difference, because it seems probable that the proportion of deaths caused by a given disease may be the same in the deaths which are returned as they would be if every death was returned; yet this is not certain, because we know that for the early part of each year a greater proportion of deaths are omitted than for the latter part of the year, and inasmuch as some diseases prevail most at one season of the year, and others at a different season, it seems necessary, in any study of the causes of deaths, to hold constantly in mind the facts as to the unequal omissions of deaths in the different months, in the enumeration made by the supervisors and assessors.

The importance of a knowledge of the causes of deaths is recognized as very great, and it is earnestly hoped that it will not be many years before the law will provide for placing upon record the facts respecting the causation of every death before the burial or removal of the body of the deceased person.

Until such time as the returns shall represent the deaths which occurred, some laborious method of correction of the returns seems to be required.

The average numbers of deaths for certain specified periods of time, as returned and as corrected for omissions in enumerating, including those in unknown month, are as follows:

PERIODS OF TIME.	Deaths as Returned.	Deaths as Corrected.
Average number per quarter	3,144.00	4,597.25
Average number per month	1,048.00	1,532.42
Average number per week	241.85	353.63
Average number per day	34.45	50.38

THE DEATH-RATE IN MICHIGAN.

Because of the imperfections in the usual crude methods of securing the statistics of deaths for the U. S. Census, and for State Reports on Vital Statistics, it is almost, if not quite, impossible, to form a good idea of the death-rate in any State in the Union, much as this knowledge is needed for any systematic study of the causes of deaths with a view to the removal or avoidance of those causes. The importance of the subject is such, however, that no effort should be spared which promises any considerable addition to our knowledge of it, consequently in each of these Reports the compiler employs all the available methods known to him whereby the best evidence possible may be evolved from the crude material which our law supplies, bearing in mind that there are, in this country, few States in which any better material is supplied. The following tabular statement, of the best material available in this State, is worthy of study. If any comparison is to be made with similar statements for other States, the column of per cent of deaths as returned should be employed, because, so far as known to the compiler, no other State than this publishes statements of the deaths which probably occurred, but only of the deaths returned. In comparing the death-rate in Michigan with that of any city where burial and removal permits are required, and where in consequence all, or nearly all, the deaths are recorded and compiled, the column, in the tabular view given herewith, of per cent of deaths corrected for omissions to inhabitants should be employed, and inasmuch as death-rates for cities are usually stated by number of deaths to each thousand inhabitants, instead of by per cent, the decimal point in the statement for this State may be removed one place to the right, the probable death-rate being 1.39 per cent, or 13.9 per thousand. Compared with cities and countries where the deaths are generally ascertained, this death-rate is very low. If Michigan is such a favored land as appears by its Vital Statistics, greater effort should be made to ascertain the truth with certainty, and to invite intelligent and good persons to make their home within its borders, and thus enjoy the great blessings which health and long life confer.

	Inhabitants in 1874 Represented by Deaths in 1876.	Deaths as Returned.	Deaths Corrected for Omissions in Enumerating.	Per Cent of Deaths in 1876 to Inhabitants in 1874.	
				Deaths as Returned.	Deaths Corrected for Omissions.
Total	1,316,986	12,576	18,358	.95	1.39

Proceeding in the compiler's usual order,—from general toward special statements, Table I. is here introduced, showing the number and per cent of deaths by quarters of the year. The largest proportion is shown for the quarter ending with September, the smallest for the quarter ending with March. This is true of the statistics for each year thus far compiled, when the deaths are

compiled as returned; if they were corrected for omissions in the enumeration, the order might be different.

TABLE I.—*Deaths in Michigan by Quarters of the Year, exhibiting the Number and Per Cent of Total, Returned for each of the Years 1870–1876, inclusive.*

TOTALS, AND MONTHS WITH WHICH QUARTERS END.	1870.		1871.		1872.		1873.		1874.		1875.		1876.	
	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
Totals.....	10,766	100.00	9,728	100.00	13,371	100.00	14,258	100.00	12,500	100.00	11,990	100.00	12,576	100.00
March.....	1,698	15.77	1,888	19.41	2,299	17.19	3,211	22.52	2,246	17.97	2,679	22.34	2,460	19.56
June.....	2,121	19.70	2,097	21.55	2,934	21.94	3,335	23.39	3,039	24.31	2,833	23.63	2,803	22.29
September.	3,920	36.41	2,926	30.08	4,441	33.21	4,182	29.33	3,870	30.96	3,334	27.81	4,009	31.88
December..	2,992	27.79	2,760	28.37	3,667	27.43	3,461	24.28	3,299	26.39	3,073	25.62	3,273	26.02
Unknown..	35	.32	57	.58	30	.22	69	.48	46	.37	71	.59	31	.25
Average...	2,692	25.00	2,432	25.00	3,343	25.00	3,565	25.00	3,125	25.00	2,998	25.00	3,144	25.00

DEATHS BY MONTHS.

TABLE II.—*Deaths in Michigan, by Months, Exhibiting the Number and Per Cent of Total returned for each of the Years 1873, 1874, 1875, and 1876, the months arranged in order by Number of Deaths, those having the greatest number first.*

ORDER.	1873.			1874.			1875.			1876.		
	Year and Months.	Number.	Per Ct. of Total.	Year and Months.	Number.	Per Ct. of Total.	Year and Months.	Number.	Per Ct. of Total.	Year and Months.	Number.	Per Ct. of Total.
	Year.....	14,258	100.00	Year.....	12,500	100.00	Year.....	11,990	100.00	Year.....	12,576	100.00
1	August....	1,535	10.77	September	1,517	12.14	August....	1,222	10.19	August....	1,507	11.98
2	September	1,471	10.32	August....	1,388	11.10	September	1,219	10.17	September	1,423	11.32
3	October....	1,258	8.83	October....	1,211	9.69	October....	1,080	9.01	December.	1,153	9.17
4	March.....	1,248	8.75	December.	1,120	8.96	December.	1,065	8.88	October....	1,131	8.99
5	July.....	1,176	8.25	April.....	1,102	8.81	March.....	1,045	8.72	July.....	1,079	8.58
6	April.....	1,174	8.23	May.....	1,071	8.57	May.....	1,022	8.52	November.	989	7.86
7	December.	1,136	7.97	November.	968	7.74	April.....	1,003	8.37	April.....	978	7.78
8	May.....	1,121	7.87	July.....	965	7.72	November.	928	7.74	March.....	975	7.75
9	February..	1,104	7.74	March.....	919	7.35	February..	898	7.49	May.....	970	7.71
10	November.	1,067	7.49	June.....	866	6.93	July.....	893	7.45	June.....	855	6.80
11	June.....	1,040	7.30	February..	672	5.38	June.....	808	6.74	February..	800	6.36
12	January...	859	6.02	January...	655	5.24	January...	736	6.14	January...	685	5.45
	Unknown.	69	.48	Unknown.	46	.37	Unknown.	71	.59	Unknown.	31	.25
	Average..	1,188	8.33	Average..	1,042	8.33	Average..	999	8.33	Average..	1,048	8.33

The number and per cent of deaths as returned by months arranged in order, those having the greatest number first, are shown in Table II. page 109. August and September are the first two months in the table, as they have been in each of the years 1868–1876. Only five months of the year show as much as the monthly average per cent, whereas in 1875, seven months had each more than the monthly average.

Because of the unequal omissions of deaths by months, the order of the months is not the same as appears in Table II. if the deaths are corrected for omissions in the returns, as may be seen by comparing Table II. with Exhibit D, page 114, wherein the months are arranged in a manner similar to that in Table II., but the deaths have been corrected for omissions in the returns. Inasmuch as no such exhibit has ever been made before, it is made to include the six years 1871–1876 for purposes of comparison.

Table III. shows by months, the number of males and of females returned as having died in this State in 1876, the per cent of the sexes, and the number of males to 100 females. There is an excess of deaths of males in each month, the greatest per cent being in January, the least in February.

TABLE III.—*Number and Per Cent of Deaths of Males and of Females in Michigan in 1876, from All Causes, as Returned, by Months. (Unknown Sex excluded.)*

YEAR AND MONTHS, 1876.	Number of Deaths, as Returned, 1876.		Per Cent of Each Sex to Total of Both Sexes.			Males to 100 Females.
	Males.	Females.	Males.	Females.	Excess of Males.	
Year, 1876	6,756	5,761	53.97	46.03	7.94	117.3
January	392	292	57.31	42.69	14.62	134.2
February	412	385	51.69	48.31	3.38	107.0
March	515	456	53.04	46.96	6.08	112.9
April	509	463	52.37	47.63	4.74	109.9
May	519	449	53.62	46.38	7.24	115.6
June	463	388	54.41	45.59	8.82	119.3
July	598	480	55.47	44.53	10.94	124.6
August	822	677	54.84	45.16	9.68	121.4
September	757	664	53.27	46.73	6.54	114.0
October	606	521	53.77	46.23	7.54	116.3
November	541	439	55.20	44.80	10.40	123.2
December	607	535	53.15	46.85	6.30	113.5
Unknown	15	12	55.56	44.44	11.12	125.0

In Exhibit A the deaths are equalized to months of uniform length; and the proportion of deaths in each month and the per cent of the sexes are shown for the year 1876.

EXHIBIT A.—*By Sex, the Number of Deaths Returned as having occurred in Michigan during the Year 1876, by Months Equalized to 30.44 days each;—Number of Deaths in each Month; Per Cent of Deaths in each Month to Total Deaths during the Year; and Per Cent and Excess of Per Cent of Deaths of each Sex to Total of Both Sexes.*

YEAR AND MONTHS, 1876.	Number of Deaths in 1876 as Returned, Equalized.				Per Cent of Deaths in Each Month to Total during the Year.				Per Cent of Each Sex to Total of Both Sexes, Unknown Sex Excluded.		
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Males.	Females.	Excess of Males.
Year, 1876...	[a] 12,545	6,737	5,749	59	100.00	100.00	100.00	100.00	53.96	46.04	7.92
January.....	673	385	287	1	5.36	5.71	4.99	1.69	57.29	42.71	14.58
February...	840	433	404	3	6.69	6.43	7.03	5.09	51.73	48.27	3.46
March.....	958	506	448	4	7.63	7.51	7.79	6.78	53.04	46.96	6.08
April.....	992	516	470	6	7.91	7.66	8.17	10.17	52.33	47.67	4.66
May.....	953	510	441	2	7.60	7.57	7.67	3.39	53.63	46.37	7.26
June.....	868	470	394	4	6.92	6.98	6.85	6.78	54.40	45.60	8.80
July.....	1,060	587	472	1	8.45	8.71	8.21	1.70	55.43	44.57	10.86
August.....	1,480	807	665	8	11.80	11.98	11.57	13.56	54.82	45.18	9.64
September..	1,443	768	673	2	11.52	11.40	11.71	3.39	53.30	46.70	6.60
October.....	1,111	595	512	4	8.85	8.83	8.91	6.78	53.75	46.25	7.50
November...	1,004	549	446	9	8.00	8.15	7.76	15.25	55.18	44.82	10.36
December...	1,132	596	525	11	9.02	8.85	9.13	18.64	53.17	46.83	6.34
Unknown...	31	15	12	4	.25	.22	.21	6.78	55.56	44.44	11.12
Average....[b]	1,043	560	478	5	8.33	8.33	8.33	8.33	.....	.....	.....

[a] Thirty-one,—19 males and 12 females,—lost in equalization.
[b] Unknown month excluded.

Exhibit B is planned to show the relative standing of the different months with respect to mortality during a series of years; but the omissions in the enumeration interfere with the evidence, so that one chief item of interest in the exhibit is the comparison of the evidence in Michigan, as based upon the U. S. Census of 1870, and as based upon these statistics collected by the supervisors. In Massachusetts and in Rhode Island the manner of the enumeration is similar to that in this State, and the exhibit permits of comparisons.

EXHIBIT B.—*Months arranged in Order by Number of Deaths, those having the greatest Number first, in Michigan for the Census Year ending June 1, 1870, by the U. S. Census and by the State Registration Returns; for each of the Years 1873 to 1876, inclusive, as per Registration Returns; and for each of the Years 1874 to 1876, inclusive, Corrected for Omissions in Enumerating; in Massachusetts for each of the Years 1874, 1875 and 1876; also, in Rhode Island for the Years 1874 to 1876, inclusive.*

ORDER.	MICHIGAN FOR CENSUS YEAR ENDING JUNE 1, 1870.		MICHIGAN AS PER REGISTRATION RETURNS, INCLUDING STILL-BIRTHS.				MICHIGAN, CORRECTED FOR OMISSIONS IN ENUMERATING, INCLUDING STILL-BIRTHS.			MASSACHUSETTS, INCLUDING STILL-BIRTHS.			RHODE ISLAND EXCLUDING STILL-BIRTHS.		
	Returned by Census Marshals.	Registration Returns.	1873.	1874.	1875.	1876.	1874.	1875.	1876.	1874.	1875.	1876.	1874.	1875.	1876.
1..	Mar.	Sept.	Aug.	Sept.	Aug.	Aug.	Sept.	Aug.	Aug.	Aug.	Aug.	Aug.	Aug.	Aug.	Aug.
2..	May.	Aug.	Sept.	Aug.	Sept.	Sept.	Aug.	Mar.	Sept.	Sept.	Sept.	July.	Sept.	Sept.	July.
3..	Aug.	Oct.	Oct.	Oct.	Oct.	Dec.	Apr.	Sept.	Mar.	May.	Jan.	Mar.	Apr.	Feb.	Dec.
4..	Sept.	Dec.	Mar.	Dec.	Dec.	Oct.	May.	Apr.	July.	Oct.	Feb.	Jan.	July.	Jan.	Mar.
5..	Apr.	Mar.	July.	Apr.	Mar.	July.	Oct.	May.	Apr.	Dec.	July.	Sept.	Oct.	Dec.	Sept.
6..	Feb.	May.	Apr.	May.	May.	Nov.	Mar.	Feb.	May.	July.	Dec.	Apr.	May.	Nov.	Oct.
7..	Oct.	July.	Dec.	Nov.	Apr.	Apr.	July.	Oct.	Oct.	Apr.	May.	Feb.	Jan.	July.	May.
8..	Dec.	Nov.	May.	July.	Nov.	Mar.	Dec.	Dec.	Dec.	Mar.	Mar.	Oct.	Dec.	Mar.	Apr.
9..	Jan.	Apr.	Feb.	Mar.	Feb.	May.	June.	July.	Feb.	Nov.	Apr.	Dec.	Nov.	Oct.	Feb.
10..	July.	June.	Nov.	June.	July.	June.	Nov.	Jan.	June.	Jan.	Oct.	May.	Mar.	May.	Jan.
11..	Nov.	Feb.	June.	Feb.	June.	Feb.	Jan.	June.	Nov.	Feb.	Nov.	Nov.	June.	Apr.	Nov.
12..	June.	Jan.	Jan.	Jan.	Jan.	Jan.	Feb.	Nov.	Jan.	June.	June.	June.	Feb.	June.	June.

DEATHS BY MONTHS, CORRECTED FOR OMISSIONS IN THE ENUMERATION.

As suggested on a preceding page, it is possible to estimate the number of deaths which occurred in each month; this is done by assuming what seems to have been proved, that the omissions bear a direct relation to the time which elapses between the occurrence of the deaths and their enumeration by the supervisor, and that if collected as soon as were the deaths in the Census year by the U. S. Marshals, the number of deaths in December would bear a relation to those in January similar to that found between the deaths in these months for the Census year. Applying this method of correction (which has been so fully explained in previous Reports that it does not seem necessary to go into details here) to the deaths returned for 1876, it was found that the average per cent to be added to the deaths returned to make them equal the number which probably occurred was 46.34, but as the omissions are in proportion to the time between the deaths and their being placed upon record, the proportion to be added differs for each month; it is stated in the second line of Exhibit C, page 113, and of Exhibit E, page 117.

EXHIBIT C.—*Deaths in Michigan during the Year 1876 as Returned; as Corrected for Omissions in Enumerating; the same Equalized for Increase of Population during the Year covered by the Returns; and the Deaths as thus Corrected and Equalized for the several Months. Equalized for Months of a uniform length of 30.44 days; also indicating some of the steps by which these results have been reached.*

	Total.[a]	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Deaths as returned by Registration Officers	[a] 12,545	625	800	975	978	970	855	1,079	1,507	1,423	1,131	989	1,153
Per cent of deaths to be added for correction for time elapsing before enumeration	.....	73.95	69.33	64.71	60.09	55.47	50.85	46.23	41.61	36.99	32.37	27.75	23.13
Number of deaths to be added for above correction	5,813	507	555	631	588	538	435	499	627	526	366	274	267
Deaths, if enumerated in months of occurrence	18,358	1,192	1,355	1,606	1,566	1,508	1,290	1,578	2,134	1,949	1,497	1,263	1,420
Per cent of deaths to be added to equalize them to population at close of year	.....	4.21	3.86	3.51	3.16	2.81	2.46	2.11	1.76	1.41	1.06	.71	.35
Deaths to be added to equalize them to population at close of year	409	50	52	56	49	42	32	33	38	27	16	9	5
Deaths as corrected, equalized to population at close of year	18,767	1,242	1,407	1,662	1,615	1,550	1,322	1,611	2,172	1,976	1,513	1,272	1,425
Days and 100ths by which the months should be increased or diminished to equalize them to months of uniform length	.....	-.56	+1.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56
Number by which the deaths should be increased or diminished to equalize them to months of uniform length	-40	-22	+70	-30	+24	-28	+19	-29	-39	+29	-27	+19	-26
Deaths, corrected and equalized, equalized to months of uniform length	18,727	1,220	1,477	1,632	1,639	1,522	1,341	1,582	2,133	2,005	1,486	1,291	1,399

[a] Excluding 31 in unknown month.

Exhibit C differs from Exhibit E in having the deaths equalized in such a manner as to make allowance for the increase of population during the year,—the last line in Exhibit C shows the number of deaths for each month in a population equaling that at the close of the year. That line probably supplies data for more exact comparisons of the several months with each other than does any other line or column in this Report.

EXHIBIT D.—*Deaths during the Years 1871 to 1876, inclusive, as Corrected for Omissions in the Enumeration, exhibiting the Number and Per Cent of Total, by Months arranged in Order by Number, Months having the greatest Number first.*

ORDER.	1871.			1872.			1873.			1874.			1875.			1876.		
	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.
	Total..	15,722	100.00	Total..	21,101	100.00	Total..	20,312	100.00	Total..	20,090	100.00	Total..	17,289	100.00	Total..	18,389	100.00
1.....	Aug....	1,692	10.76	Aug....	2,660	12.61	Aug....	2,107	10.37	Sept....	2,258	11.24	Aug....	1,699	9.83	Aug....	2,134	11.60
2.....	Sept....	1,583	10.07	Sept....	2,433	11.53	March	1,972	9.71	Aug....	2,151	10.71	March	1,680	9.72	Sept....	1,949	10.60
3.....	March.	1,466	9.32	April..	2,014	9.54	Sept....	1,960	9.64	April..	1,977	9.84	Sept....	1,642	9.50	March	1,606	8.73
4.....	Dec....	1,351	8.59	Oct....	1,866	8.84	April..	1,806	8.89	May ..	1,856	9.24	April..	1,568	9.07	July..	1,578	8.58
5.	Oct....	1,341	8.53	March	1,718	8.14	Feb....	1,790	8.81	Oct....	1,728	8.60	May ..	1,554	8.99	April..	1,566	8.52
6.....	May....	1,313	8.35	May ..	1,672	7.92	May ..	1,678	8.26	March	1,705	8.49	Feb....	1,482	8.57	May ..	1,508	8.20
7.....	April..	1,307	8.31	July..	1,609	7.91	July..	1,663	8.19	July ..	1,554	7.74	Oct....	1,408	8.14	Oct....	1,497	8.14
8.....	July....	1,281	8.15	Dec....	1,668	7.90	Oct....	1,623	7.99	Dec....	1,462	7.28	Dec....	1,296	7.50	Dec....	1,420	7.72
9.....	Feb....	1,120	7.12	Nov....	1,432	6.79	June .	1,514	7.45	June .	1,448	7.21	July ..	1,280	7.40	Feb....	1,355	7.37
10.....	Nov....	1,097	6.98	Feb....	1,425	6.75	Jan....	1,428	7.03	Nov....	1,322	6.58	Jan....	1,247	7.21	June .	1,290	7.01
11.....	Jan....	1,058	6.73	June .	1,344	6.37	Dec....	1,371	6.75	Jan. ..	1,295	6.44	June .	1,193	6.90	Nov....	1,263	6.87
12...	June .	1,057	6.72	Jan....	1,170	5.54	Nov....	1,332	6.56	Feb....	1,288	6.41	Nov. ..	1,169	6.76	Jan....	1,192	6.48
	Unk....	57	.36	Unk....	30	.14	Unk....	69	.34	Unk....	46	.23	Unk....	71	.41	Unk....	31	.17
	Av....[a]	1,310	8.33	Av....[a]	1,758	8.33	Av....[a]	1,693	8.33	Av....[a]	1,674	8.33	Av....[a]	1,441	8.33	Av....[a]	1,532	8.33

[a] Including deaths in unknown month.

Exhibit D may be compared with Table II., page 109, in which the deaths appear as they were returned. This exhibit is commented upon on page 110.

DIAGRAM No. 3.

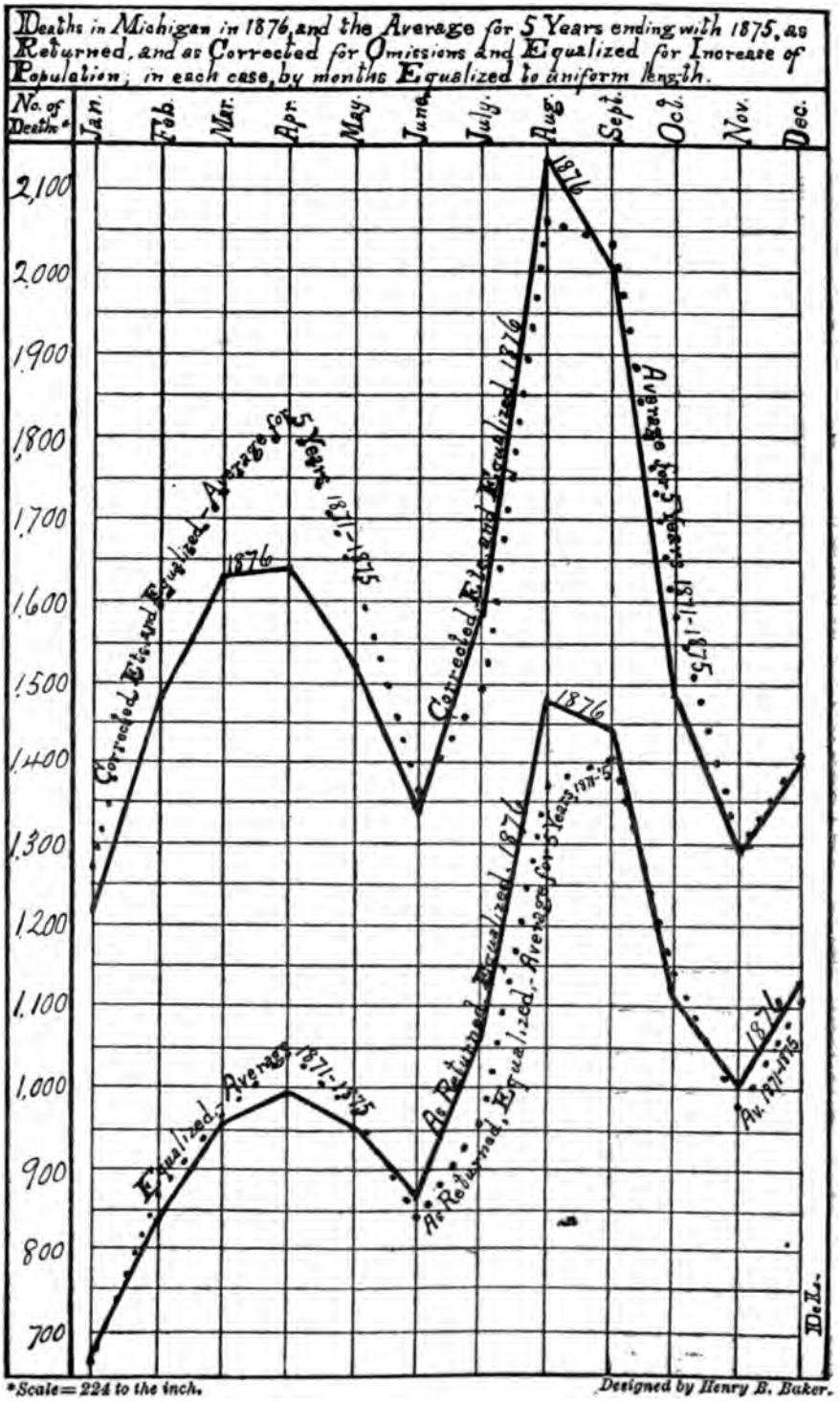

Deaths in Michigan in 1876, and the Average for 5 Years ending with 1875, as Returned, and as Corrected for Omissions and Equalized for Increase of Population; in each case, by months Equalized to uniform length.
No. of Deaths*
Jan.
Feb.
Mar.
Apr.
May.
June.
July.
Aug.
Sept.
Oct.
Nov.
Dec.
2,100
2,000
1,900
1,800
1,700
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
Corrected, Equalized & Equalized 1876
Average for 5 years 1871-1875
1876
Corrected, Equalized & Equalized 1876
Average for 5 years 1871-1875
1876
As Returned, Equalized 1876
Equalized Average 1871-1875
As Returned, Equalized 1876
Average for 5 years 1871-1875
1876
Av. 1871-1875
D. L.
*Scale = 224 to the inch.
Designed by Henry B. Baker.

Diagram No. 3, opposite, exhibits graphically the relative proportion of deaths in each month, as first returned, and as corrected for omissions in the enumeration. It also pictures to the eye the average proportion for each month for the five years,—1871–1875; and thus permits of comparisons of each month in 1876 with each other month in that year, and with the average for each month in the period of years preceding.

The first and the last lines in Exhibit E are graphically represented in Diagram No. 3, on the page opposite this. Comments on the subject of Exhibit E are printed on page 112.

EXHIBIT E.—*Deaths in Michigan during the Year 1876 as Returned, as Corrected for Omissions in Enumerating, and as thus Corrected, Equalized to Months of uniform length of 30.44 days each.*

	Total.[a]	Months, 1876.											
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Deaths as returned by Registration Officers	[a] 12,545	685	800	975	978	970	855	1,079	1,507	1,423	1,131	989	1,153
Per cent of deaths to be added for correction for time elapsing before enumeration	.....	73.95	69.33	64.71	60.09	55.47	50.85	46.23	41.61	36.99	32.37	27.75	23.13
Number of deaths to be added for above correction	5,813	507	555	631	588	538	435	499	627	526	366	274	267
Deaths, if enumerated in months of occurrence	18,358	1,192	1,355	1,606	1,566	1,508	1,290	1,578	2,134	1,949	1,497	1,263	1,420
Days and hundredths by which the months should be increased or diminished to equalize them to months of uniform length	.....	-.56	+1.44	-.56	+.44	-.56	+.44	-.56	-.56	+.44	-.56	+.44	-.56
The number by which the deaths should be increased or diminished to equalize them to months of uniform length	- 42	- 22	+ 67	- 29	+ 23	- 27	+ 19	- 29	- 39	+ 29	- 27	+ 19	- 25
Deaths, corrected and equalized to months of uniform length	18,316	1,170	1,422	1,577	1,589	1,481	1,309	1,549	2,095	1,978	1,470	1,282	1,394

[a] Excluding 31 in unknown month.

AGES OF PERSONS WHO DIED IN MICHIGAN IN 1876.

The number of deaths, by sex, by periods of age, the per cent of deaths at each age, the per cent of the sexes, etc., are shown in Table IV. Of all the deaths returned, 27.24 per cent were of children under one year of age, and 40.72 per cent were of children under five years of age. Of the decedents aged under one and under five years, the largest proportion is

shown for the males. There were 995 more males than females returned as having died in 1876,—an excess of 7.94 per cent.

TABLE IV.—*Exhibiting, by Sex, and by Age in Periods of Years, the Number and Proportion of Persons Returned as having Died in Michigan during the Year 1876; also the Excess of Persons of each Sex.*

AGES IN YEARS AND PERIODS.	Number of Deaths, 1876.				Per Cent of Deaths at Each Age to Total at All Ages.			Per Cent of Each Sex to Total of Both Sexes.				Excess of the Sexes by Number.		Males to 100 Females.
	Total.	Males.	Females.	Unk.	Total.	Males.	Females.	Males.	Females.	Excess. Males.	Excess. Females.	Males.	Females.	
All Ages....	12,576	6,756	5,761	59	100.00	100.00	100.00	53.97	46.03	7.94	.....	995	.....	117.27
Under 1.....	3,426	1,935	1,450	41	27.24	28.64	25.17	57.16	42.84	14.32	.....	485	.....	133.45
1 to 2.....	842	441	401	.....	6.70	6.53	6.96	52.38	47.62	4.76	.....	40	.....	109.98
2 to 3.....	372	182	190	.....	2.96	2.69	3.30	48.92	51.08	.....	2.16	.....	8	95.79
3 to 4.....	277	142	134	1	2.20	2.10	2.33	51.45	48.55	2.90	.....	8	.....	105.97
4 to 5.....	204	98	106	.....	1.62	1.45	1.84	48.04	51.96	.....	3.92	.....	8	92.45
Under 5....	5,121	2,798	2,281	42	40.72	41.42	39.59	55.09	44.91	10.18	.....	517	.....	122.67
5 to 10.....	630	332	298	.....	5.01	4.91	5.17	52.70	47.30	5.40	.....	34	.....	111.41
10 to 15.....	367	180	187	.....	2.92	2.66	3.25	49.05	50.95	.....	1.90	.....	7	96.26
15 to 20.....	537	233	304	.....	4.27	3.45	5.28	43.39	56.61	.....	13.22	.....	71	76.64
20 to 25.....	564	235	329	.....	4.48	3.48	5.71	41.67	58.33	.....	16.66	.....	94	71.43
25 to 30.....	515	240	275	.....	4.10	3.55	4.77	46.60	53.40	.....	6.80	.....	35	87.27
30 to 35.....	425	205	220	.....	3.38	3.03	3.82	48.24	51.76	.....	3.52	.....	15	93.18
35 to 40.....	423	208	215	.....	3.36	3.08	3.73	49.17	50.83	.....	1.66	.....	7	96.74
40 to 45.....	349	183	166	.....	2.78	2.71	2.88	52.44	47.56	4.88	.....	17	.....	110.24
45 to 50.....	375	226	149	.....	2.98	3.35	2.59	60.27	39.73	20.54	.....	77	.....	151.68
50 to 55.....	393	214	179	.....	3.13	3.17	3.11	54.45	45.55	8.90	.....	35	.....	119.55
55 to 60.....	420	266	154	.....	3.34	3.94	2.67	63.33	36.67	26.66	.....	112	.....	172.73
60 to 65.....	418	255	163	.....	3.32	3.77	2.83	61.00	39.00	22.00	.....	92	.....	156.44
65 to 70.....	461	277	184	.....	3.67	4.10	3.19	60.09	39.91	20.18	.....	93	.....	150.54
70 to 75.....	490	290	200	.....	3.90	4.29	3.47	59.18	40.82	18.36	.....	90	.....	145.00
75 to 80.....	387	234	153	.....	3.08	3.46	2.66	60.47	39.53	20.94	.....	81	.....	152.94
80 to 85.....	243	142	101	.....	1.93	2.10	1.75	58.44	41.56	16.88	.....	41	.....	96.77
85 to 90.....	122	60	62	.....	.97	.89	1.08	49.18	50.82	.....	1.64	.....	2	78.13
90 to 95.....	57	25	32	.....	.45	.37	.56	43.86	56.14	.....	12.28	.....	7	188.89
95 to 100.....	26	17	9	.....	.21	.25	.16	65.38	34.62	30.76	.....	8	.....	50.00
100 and over	9	3	6	.....	.07	.04	.10	33.33	66.67	.....	33.34	.....	3	141.49
Unk. Ages..	244	133	94	17	1.94	1.97	1.63	58.59	41.41	17.18	.....	39	.....	.....

EXHIBIT F.—*Deaths Returned as having occurred in Michigan in 1876, by Sex, and Excess of the Sexes, by Age in Years.*

AGE IN YEARS.	Decedents, 1876.				Excess.		AGE IN YEARS.	Decedents, 1876.				Excess.	
	Total.	Males.	Females.	Unk.	Males.	Females.		Total.	Males.	Females.	Unk.	Males.	Females.
All Ages.	12,576	6,756	5,761	59	995	.....	36	102	47	55	.....	.....	8
							37	71	29	42	.....	.....	13
Under 1..	3,426	1,935	1,450	41	485	.....	38	77	47	30	.....	17	.....
1	842	441	401	.....	40	.....	39	80	37	43	.....	.....	6
2	372	182	190	.....	.....	8	40	100	52	48	.....	4	.....
3	277	142	134	1	8	.....	41	48	30	18	.....	12	.....
4	204	98	106	.....	.....	8	42	83	49	34	.....	15	.....
5	173	105	68	.....	37	.....	43	56	28	28	.....	.....	.....
6	142	65	77	.....	.....	12	44	62	24	38	.....	.....	14
7	105	60	45	.....	15	.....	45	89	56	33	.....	23	.....
8	109	55	54	.....	1	.....	46	95	54	41	.....	13	.....
9	101	47	54	.....	.....	7	47	60	33	27	.....	6	.....
10	81	34	47	.....	.....	13	48	70	43	27	.....	16	.....
11	75	40	35	.....	5	.....	49	61	40	21	.....	19	.....
12	50	28	22	.....	6	.....	50	103	53	50	.....	3	.....
13	56	26	30	.....	.....	4	51	60	35	25	.....	10	.....
14	105	52	53	.....	.....	1	52	93	54	39	.....	15	.....
15	78	34	44	.....	.....	10	53	66	37	29	.....	8	.....
16	97	47	50	.....	.....	3	54	71	35	36	.....	.....	1
17	113	40	73	.....	.....	33	55	84	57	27	.....	30	.....
18	124	52	72	.....	.....	20	56	86	63	23	.....	40	.....
19	125	60	65	.....	.....	5	57	85	46	39	.....	7	.....
20	101	42	59	.....	.....	17	58	84	50	34	.....	16	.....
21	117	54	63	.....	.....	9	59	81	50	31	.....	19	.....
22	125	51	74	.....	.....	23	60	93	52	41	.....	11	.....
23	115	48	67	.....	.....	19	61	63	36	27	.....	9	.....
24	106	40	66	.....	.....	26	62	83	53	30	.....	23	.....
25	98	44	54	.....	.....	10	63	86	56	30	.....	26	.....
26	91	48	43	.....	5	.....	64	93	58	35	.....	23	.....
27	111	46	65	.....	.....	19	65	117	67	50	.....	17	.....
28	141	70	71	.....	.....	1	66	99	59	40	.....	19	.....
29	74	32	42	.....	.....	10	67	88	54	34	.....	20	.....
30	102	54	48	.....	6	.....	68	89	55	34	.....	21	.....
31	61	27	34	.....	.....	7	69	68	42	26	.....	16	.....
32	105	47	58	.....	.....	11	70	104	68	36	.....	32	.....
33	86	42	44	.....	.....	2	71	80	52	28	.....	24	.....
34	71	35	36	.....	.....	1	72	109	57	52	.....	5	.....
35	93	48	45	.....	3	.....	73	106	63	45	.....	18	.....

EXHIBIT F.—CONTINUED.—*Deaths by Ages in Michigan in 1876.*

AGE IN YEARS.	DECEDENTS, 1876.				EXCESS.		AGE IN YEARS.	DECEDENTS, 1876.				EXCESS.	
	Total.	Males.	Females.	Unk.	Males.	Females.		Total.	Males.	Females.	Unk.	Males.	Females.
74	89	50	39	.....	11	.....	90	24	9	15	.....	.....	6
75	88	46	42	.....	4	.....	91	11	8	3	.....	5	.....
76	114	73	41	.....	32	.....	92	11	4	7	.....	.....	3
77	69	46	23	.....	23	.....	93	4	1	3	.....	.....	2
78	67	37	30	.....	7	.....	94	7	3	4	.....	.....	1
79	49	32	17	.....	15	.....	95	7	7	.....	.....	7	.....
80	55	33	22	.....	11	.....	96	7	4	3	.....	1	.....
81	36	21	15	.....	6	.....	97	4	2	2	.....	.....	.....
82	50	29	21	.....	8	.....	98	5	2	3	.....	.....	1
83	46	24	22	.....	2	.....	99	3	2	1	.....	1	.....
84	56	35	21	.....	14	.....	100	2	1	1	.....	.....	.....
85	37	20	17	.....	3	.....	101	1	.....	1	.....	.....	1
86	27	12	15	.....	.....	3	103	1	.....	1	.....	.....	1
87	27	12	15	.....	.....	3	104	4	2	2	.....	.....	.....
88	21	11	10	.....	1	.....	119	1	.....	1	.....	.....	1
89	10	5	5	.....	.....	.....	Unknown	244	133	94	17	39	.....

AGES OF PERSONS WHO DIED, BY MONTHS OF DEATH.

The proportion of decedents at different periods of life in the several months may be studied in Exhibit G, page 121. According to this Exhibit, the greatest proportion of decedents aged under one year, under 5 years, and aged 5 to 10 years, died in August; that is, so far as this proves, to persons under 10 years of age, the greatest danger to life is in the month of August. The particular diseases or causes of death are shown further on. To decedents between the ages of 10 and 20 years, the greatest danger is in March; between the ages of 20 and 50 years, the greatest danger is in December; and to persons aged 50 years and over, the greatest danger is in September, so far as the evidence of this exhibit is conclusive. A similar exhibit has been prepared for each year since that of 1873, and if continued for a series of years will supply valuable evidence on this important subject.

EXHIBIT G.—*The Relation of the Deaths at Different Periods of Age to Deaths at All Ages, by Months; and for the same Period of Age, the Relation of the Deaths in each month to the Deaths in the Year 1876, according to the Returns.*

DEATHS BY AGES IN PERIODS OF YEARS.		YEAR, 1876. a	MONTHS, 1876.											
			Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
All Ages		12,545	685	800	975	978	970	855	1,079	1,507	1,423	1,131	989	1,158
Under 1	Number	3,422	158	196	251	234	232	205	360	571	416	259	238	302
	Per Cent of All Ages	27.28	23.07	24.50	25.74	23.93	23.92	23.98	33.36	37.89	29.23	22.90	24.06	26.19
	Per Cent of Deaths, 1876	100.00	4.62	5.73	7.33	6.84	6.78	5.99	10.52	16.69	12.16	7.57	6.96	8.82
Under 5	Number	5,114	269	299	355	348	346	308	508	825	667	408	365	416
	Per Cent of All Ages	40.77	39.27	37.38	36.41	35.58	35.67	36.02	47.08	54.74	46.87	36.07	36.91	36.08
	Per Cent of Deaths, 1876	100.00	5.26	5.85	6.94	6.80	6.77	6.02	9.93	16.13	13.04	7.98	7.14	8.13
5 to 10	Number	629	49	46	54	42	45	50	43	64	60	59	51	66
	Per Cent of All Ages	5.01	7.15	5.75	5.54	4.29	4.64	5.85	3.99	4.25	4.22	5.22	5.16	5.72
	Per Cent of Deaths, 1876	100.00	7.79	7.31	8.59	6.36	7.15	7.95	6.84	10.17	9.54	9.38	8.11	10.49
10 to 20	Number	904	53	49	94	79	81	64	69	80	95	91	62	87
	Per Cent of All Ages	7.21	7.74	6.13	9.64	8.08	8.35	7.49	6.39	5.31	6.68	8.05	6.27	7.55
	Per Cent of Deaths, 1876	100.00	5.86	5.42	10.40	8.74	8.96	7.08	7.63	8.85	10.51	10.07	6.86	9.62
20 to 50	Number	2,647	135	188	236	238	223	221	207	237	242	237	225	258
	Per Cent of All Ages	21.10	19.71	23.50	24.21	24.34	22.99	25.85	19.18	15.73	17.01	20.95	22.75	22.38
	Per Cent of Deaths, 1876	100.00	5.10	7.10	8.92	8.99	8.42	8.35	7.82	8.95	9.14	8.95	8.50	9.75
50 and over	Number	3,019	167	211	226	249	260	201	233	272	335	306	262	297
	Per Cent of All Ages	24.07	24.38	26.38	23.18	25.46	26.80	23.51	21.59	18.05	23.54	27.06	26.49	25.76
	Per Cent of Deaths, 1876	100.00	5.53	6.99	7.48	8.25	8.61	6.66	7.72	9.01	11.10	10.13	8.68	9.84
Unknown Ages	Number	232	12	7	10	22	15	11	19	29	24	30	24	29
	Per Cent of All Ages	1.85	1.75	.88	1.03	2.25	1.55	1.29	1.76	1.92	1.69	2.65	2.43	2.52
	Per Cent of Deaths, 1876	100.00	5.17	3.02	4.31	9.48	6.47	4.74	8.19	12.50	10.34	12.93	10.34	12.50

a Deaths in unknown month excluded.

TABLE V.—*Exhibiting, by Sex and by Age in Periods of Years, the Number of Persons Returned as having Died in Michigan during the Year and in each Month of the Year 1876.*

AGES IN PERIODS OF YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
All Ages	Total	12,576	685	800	975	978	970	855	1079	1507	1423	1131	989	1153	31
	Males	6,756	392	412	515	509	519	463	598	822	757	606	541	607	15
	Females	5,761	292	385	456	463	449	388	480	677	664	521	439	535	12
	Unknown	59	1	3	4	6	2	4	1	8	2	4	9	11	4
All under 1	Total	3,426	158	196	251	234	232	205	360	571	416	259	238	302	4
	Males	1,935	97	109	138	125	140	113	211	307	237	155	127	175	1
	Females	1,450	60	84	109	105	91	88	148	259	177	103	105	119	2
	Unknown	41	1	3	4	4	1	4	1	5	2	1	6	8	1
All under 5	Total	5,121	269	299	355	348	346	308	508	925	667	408	365	416	7
	Males	2,798	161	155	183	187	200	171	291	437	359	229	190	232	3
	Females	2,281	107	141	168	157	145	133	216	382	306	178	169	176	3
	Unknown	42	1	3	4	4	1	4	1	6	2	1	6	8	1
5 to 10	Total	630	49	46	54	42	45	50	43	64	60	59	51	66	1
	Males	332	24	19	33	21	24	28	26	44	24	29	25	34	1
	Females	298	25	27	21	21	21	22	17	20	36	30	26	32	....
10 to 15	Total	367	22	24	36	27	31	20	26	32	43	41	27	38	....
	Males	180	16	11	19	12	15	4	14	14	26	22	12	15	....
	Females	187	6	13	17	15	16	16	12	18	17	19	15	23	....
15 to 20	Total	537	31	25	58	52	50	44	43	48	52	50	35	49	....
	Males	233	19	17	27	23	17	25	15	18	17	21	13	21	....
	Females	304	12	8	31	29	33	19	28	30	35	29	22	28	....
20 to 25	Total	564	30	38	47	45	48	54	44	51	52	54	47	54	....
	Males	235	16	17	18	18	24	22	19	25	15	16	25	30	....
	Females	329	14	21	29	27	24	32	25	26	37	38	22	24	....
25 to 30	Total	515	28	37	46	52	43	31	45	54	48	47	42	42	....
	Males	240	11	17	24	21	20	12	18	28	23	23	25	18	....
	Females	275	17	20	22	31	23	19	27	26	25	24	17	24	....
30 to 35	Total	425	22	25	41	37	38	42	32	25	42	35	42	42	2
	Males	205	11	7	15	15	15	25	13	13	22	17	26	25	1
	Females	220	11	18	26	22	23	17	19	12	20	18	16	17	1
35 to 40	Total	423	13	42	31	43	38	30	34	33	40	36	38	45	....
	Males	208	6	21	17	15	22	17	18	12	19	17	16	28	....
	Females	215	7	21	14	28	16	13	16	21	21	19	22	17	....
40 to 45	Total	349	23	23	31	25	25	28	26	36	30	34	30	36	2
	Males	183	13	11	16	15	10	11	17	19	15	20	18	16	2
	Females	166	10	12	15	10	15	17	9	17	15	14	12	20	....

TABLE V.—CONTINUED.—*Deaths by Periods of Age, by Sex, by Months.*

AGES IN PERIODS OF YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
45 to 50	Total	375	19	23	40	36	31	36	26	38	30	31	26	39	....
	Males	226	10	15	27	23	17	21	17	24	17	22	14	19	....
	Females	149	9	8	13	13	14	15	9	14	13	9	12	20	....
50 to 55	Total	393	20	20	32	38	41	20	30	44	37	40	38	31	2
	Males	214	12	11	14	23	16	12	16	26	20	21	28	14	1
	Females	179	8	9	18	15	25	8	14	18	17	19	10	17	1
55 to 60	Total	420	23	38	45	27	31	21	32	32	42	43	38	47	1
	Males	266	13	24	20	19	20	16	21	24	25	30	25	28	1
	Females	154	10	14	25	8	11	5	11	8	17	13	13	19	....
60 to 65	Total	418	26	26	30	36	30	35	34	41	47	31	43	39	....
	Males	255	15	17	19	21	16	23	20	26	31	19	27	21	....
	Females	163	11	9	11	15	14	12	14	15	16	12	16	18	....
65 to 70	Total	461	31	21	33	40	39	30	42	41	43	53	41	47	....
	Males	277	22	8	19	21	26	19	28	28	26	28	23	29	....
	Females	184	9	13	14	19	13	11	14	13	17	25	18	18	....
70 to 75	Total	490	24	32	29	53	47	36	36	42	64	46	36	45	....
	Males	290	15	16	17	31	25	18	22	25	48	26	24	23	....
	Females	200	9	16	12	22	22	18	14	17	16	20	12	22	....
75 to 80	Total	387	17	29	32	33	34	30	26	35	40	39	29	41	2
	Males	234	10	19	19	21	22	16	15	25	29	19	15	23	1
	Females	153	7	10	13	12	12	14	11	10	11	20	14	18	1
80 to 85	Total	243	15	27	13	12	22	19	19	23	33	31	14	13	2
	Males	142	9	16	11	7	11	14	11	11	14	21	8	8	1
	Females	101	6	11	2	5	11	5	8	12	19	10	6	5	1
85 to 90	Total	122	5	13	9	7	10	2	9	11	15	14	13	14	....
	Males	60	....	6	6	4	7	....	6	6	6	6	5	8	....
	Females	62	5	7	3	3	3	2	3	5	9	8	8	6	....
90 to 95	Total	57	2	4	1	2	5	3	3	2	11	5	5	14	....
	Males	25	....	....	1	1	3	2	1	1	4	3	3	6	....
	Females	32	2	4	....	1	2	1	2	1	7	2	2	8	....
95 to 100	Total	26	2	1	2	1	1	4	2	1	2	4	2	4	....
	Males	17	1	....	2	....	....	3	1	1	2	3	1	3	....
	Females	9	1	1	....	1	1	1	1	....	....	1	1	1	....
100 and over	Total	9	2	....	....	....	....	1	....	....	1	....	3	2	....
	Males	3	....	....	....	....	....	1	....	....	....	....	1	1	....
	Females	6	2	....	....	....	....	....	....	....	1	....	2	1	....
Unknown	Total	244	12	7	10	22	15	11	19	29	24	30	24	29	12
	Males	133	8	5	8	11	9	3	9	15	15	14	17	15	4
	Females	94	4	2	2	9	5	8	10	12	9	13	4	11	5
	Unknown	17	....	....	....	2	1	....	....	2	....	3	3	3	3

TABLE VI.—*Exhibiting, by Sex and by Months, the Number Returned as having Died in Michigan during the Year 1876 at each Age and every Age, the Age stated in Twelfths of a Year for those under One Year, and in Years for those over One Year of Age.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Under 1-12[a]	Total	1,474	89	87	129	132	117	101	125	160	134	116	124	159	1
	Males	827	53	44	66	76	70	57	76	90	71	76	66	82	.....
	Females	612	35	40	60	52	46	40	48	66	61	39	53	71	1
	Unknown	35	1	3	3	4	1	4	1	4	2	1	5	6	.....
1-12	Total	287	14	19	17	16	25	11	27	45	35	27	22	29	.....
	Males	193	10	14	11	12	17	7	16	34	25	13	12	22	.....
	Females	92	4	5	6	4	8	4	11	11	10	14	9	6	.....
	Unknown	2	....	....	.....	.....	.....	.....	.....	.....	.....	....	1	1	.....
2-12	Total	243	6	21	13	15	13	14	31	33	33	15	22	27	.....
	Males	136	5	13	8	4	8	8	21	18	17	8	14	12	.....
	Females	107	1	8	5	11	5	6	10	15	16	7	8	15	.....
3-12	Total	237	6	13	15	11	18	15	26	52	34	14	17	15	1
	Males	129	3	7	6	3	11	9	14	25	23	11	6	11	.....
	Females	105	3	6	8	8	7	6	12	27	11	3	11	3	.....
	Unknown	3	....	....	1	.....	.....	.....	.....	.....	.....	....	.....	1	1
4-12	Total	186	6	9	9	10	5	13	20	39	41	17	3	14	.....
	Males	101	3	4	5	2	2	8	12	21	24	8	2	10	.....
	Females	85	3	5	4	8	3	5	8	18	17	9	1	4	.....
5-12	Total	191	6	6	15	11	14	6	22	39	37	16	8	11	.....
	Males	97	3	6	6	5	8	4	10	19	19	7	3	7	.....
	Females	94	3	....	9	6	6	2	12	20	18	9	5	4	.....
6-12	Total	162	12	13	7	8	8	9	19	40	21	8	9	8	.....
	Males	92	8	7	4	8	7	2	12	16	9	6	6	7	.....
	Females	69	4	6	3	.....	1	7	7	23	12	2	3	1	.....
	Unknown	1	....	....	.....	.....	.....	.....	.....	1	.....	....	.....	....	.....
7-12	Total	136	6	2	13	6	4	4	20	36	15	11	10	9	.....
	Males	79	5	1	10	4	2	2	11	20	9	6	4	5	.....
	Females	57	1	1	3	2	2	2	9	16	6	5	6	4	.....
8-12	Total	143	5	9	3	9	4	9	17	36	25	9	6	10	1
	Males	72	3	4	1	2	1	4	9	23	12	5	2	5	
	Females	71	2	5	2	7	3	5	8	13	13	4	4	5	.....
9-12	Total	135	3	10	9	4	7	11	24	25	13	10	8	11	.....
	Males	74	1	4	8	2	4	5	13	12	9	2	6	8	.....
	Females	61	2	6	1	2	3	6	11	13	4	8	2	3	.....

[a] Still-births included. See Table of Specified Causes of Deaths.

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
10-12	Total	117	3	4	8	7	9	6	15	33	13	10	4	4	1
	Males	71	2	3	5	4	7	4	8	15	10	8	2	3	.....
	Females	46	1	1	3	3	2	2	7	18	3	2	2	1	1
11-12	Total	115	2	3	13	5	8	6	14	33	15	6	5	5	.....
	Males	64	1	2	8	3	3	3	9	14	9	5	4	3	.....
	Females	51	1	1	5	2	5	3	5	19	6	1	1	2	.....
1	Total	842	50	50	37	55	50	47	73	156	164	62	49	48	1
	Males	441	30	23	18	33	28	26	40	84	81	27	26	24	1
	Females	401	20	27	19	22	22	21	33	72	83	35	23	24	.....
2	Total	372	22	28	31	25	19	17	38	51	40	39	34	27	1
	Males	182	12	12	15	11	9	9	19	25	17	22	15	16	.....
	Females	190	10	16	16	14	10	8	19	26	23	17	19	11	1
3	Total	277	24	14	15	20	24	25	25	27	28	26	24	24	1
	Males	142	13	6	3	12	12	13	14	12	15	17	12	12	1
	Females	134	11	8	12	8	12	12	11	14	13	9	12	12	.....
	Unknown	1	----	----	-----	------	------	------	------	1	------	----	-----	----	-----
4	Total	204	15	11	21	14	21	14	12	20	19	22	20	15	.....
	Males	98	9	5	9	6	11	10	7	9	9	8	10	5	.....
	Females	106	6	6	12	8	10	4	5	11	10	14	10	10	.....
5	Total	173	10	14	11	10	9	18	11	20	17	20	18	15	.....
	Males	105	5	6	8	7	6	11	6	17	8	13	11	7	.....
	Females	68	5	8	3	3	3	7	5	3	9	7	7	8	.....
6	Total	142	8	13	11	10	8	10	9	17	16	14	8	18	.....
	Males	65	5	4	8	6	3	6	4	9	4	7	1	8	.....
	Females	77	3	9	3	4	5	4	5	8	12	7	7	10	.....
7	Total	105	8	5	15	6	4	9	10	6	13	6	8	15	.....
	Males	60	3	2	10	3	2	8	6	4	7	2	6	7	.....
	Females	45	5	3	5	3	2	1	4	2	6	4	2	8	.....
8	Total	109	8	9	8	9	11	8	9	11	8	11	11	6	.....
	Males	55	2	6	2	2	8	2	8	9	3	5	5	3	.....
	Females	54	6	3	6	7	3	6	1	2	5	6	6	3	.....
9	Total	101	15	5	9	7	13	5	4	10	6	8	6	12	1
	Males	47	9	1	5	3	5	1	2	5	2	2	2	9	1
	Females	54	6	4	4	4	8	4	2	5	4	6	4	3	.....
10	Total	81	2	4	8	6	4	6	6	8	11	6	6	14	.....
	Males	34	1	----	5	3	4	.....	4	4	3	1	2	2	.....
	Females	47	1	4	3	3	------	6	2	4	3	5	4	12	.....

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	Total	75	7	9	10	6	5	4	4	6	5	4	8	7	-----
11	Males	40	4	5	6	2	3	1	2	4	3	1	5	4	-----
	Females	35	3	4	4	4	2	3	2	2	2	3	3	3	-----
	Total	50	4	3	7	2	5	1	2	6	5	10	5	----	-----
12	Males	28	4	3	2	1	3	1	1	2	3	6	2	----	-----
	Females	22	----	----	5	1	2	------	1	4	2	4	3	----	-----
	Total	56	5	4	3	3	6	7	5	2	8	7	2	4	-----
13	Males	26	4	1	2	3	2	2	2	------	4	3	2	1	-----
	Females	30	1	3	1	------	4	5	3	2	4	4	-----	3	-----
	Total	105	4	4	8	10	11	2	9	10	14	14	6	13	-----
14	Males	52	3	2	4	3	3	------	5	4	8	11	1	8	-----
	Females	53	1	2	4	7	8	2	4	6	6	3	5	5	-----
	Total	78	2	2	13	5	9	8	10	12	3	6	5	3	-----
15	Males	34	1	----	6	2	4	4	6	5	1	2	2	1	-----
	Females	44	1	2	7	3	5	4	4	7	2	4	3	2	-----
	Total	97	5	2	12	8	11	10	9	4	11	3	4	12	-----
16	Males	47	4	1	5	3	3	5	3	1	7	5	2	8	-----
	Females	50	1	1	7	5	8	5	6	3	4	4	2	4	-----
	Total	113	8	7	14	10	8	7	11	10	14	9	7	8	-----
17	Males	40	5	4	6	4	3	4	2	5	2	----	2	3	-----
	Females	73	3	3	8	6	5	3	9	5	12	9	5	5	-----
	Total	124	10	7	7	16	14	9	4	12	13	11	12	9	-----
18	Males	52	6	7	4	5	4	5	1	4	3	7	3	3	-----
	Females	72	4	----	3	11	10	4	3	8	10	4	9	6	-----
	Total	125	6	7	12	13	8	10	9	10	11	15	7	17	-----
19	Males	60	3	5	6	9	3	7	3	3	4	7	4	6	-----
	Females	65	3	2	6	4	5	3	6	7	7	8	3	11	-----
	Total	101	7	6	13	5	9	9	7	11	9	10	8	7	-----
20	Males	42	2	3	7	2	4	5	4	5	1	3	5	1	-----
	Females	59	5	3	6	3	5	4	3	6	8	7	3	6	-----
	Total	117	6	9	6	9	14	14	6	6	12	9	13	13	-----
21	Males	54	5	3	2	2	7	8	5	3	4	4	4	7	-----
	Females	63	1	6	4	7	7	6	1	3	8	5	9	6	-----
	Total	125	5	8	10	12	15	10	12	13	11	13	7	9	-----
22	Males	51	1	4	3	5	9	3	4	7	2	3	5	5	-----
	Females	74	4	4	7	7	6	7	8	6	9	10	2	4	-----
	Total	115	7	7	8	13	4	11	11	10	14	11	11	8	-----
23	Males	48	3	4	2	7	1	3	4	5	6	3	7	3	-----
	Females	67	4	3	6	6	3	8	7	5	8	8	4	5	-----

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	Total	106	5	8	10	6	6	10	8	11	6	11	8	17	.....
24	Males	40	5	3	4	2	3	3	2	5	2	3	4	4	.....
	Females	66	....	5	6	4	3	7	6	6	4	8	4	13	.....
	Total	98	3	10	13	9	8	7	7	11	7	6	10	7	.....
25	Males	44	2	5	7	1	5	3	1	4	4	5	5	2	.....
	Females	54	1	5	6	8	3	4	6	7	3	1	5	5	.....
	Total	91	4	5	9	9	7	6	7	7	10	9	8	10	.....
26	Males	48	1	3	5	4	4	3	2	3	5	6	7	5	.....
	Females	43	3	2	4	5	3	3	5	4	5	3	1	5	.....
	Total	111	6	7	8	12	12	6	8	10	10	16	8	8	.....
27	Males	46	4	2	2	4	4	4	3	4	6	4	5	4	.....
	Females	65	2	5	6	8	8	2	5	6	4	12	3	4	.....
	Total	141	9	12	12	15	11	9	14	14	15	8	11	11	.....
28	Males	70	3	6	8	8	7	1	9	8	6	4	6	4	.....
	Females	71	6	6	4	7	4	8	5	6	9	4	5	7	.....
	Total	74	6	3	4	7	5	3	9	12	6	8	5	6	.....
29	Males	32	1	1	2	4	.....	1	3	9	2	4	2	3	.....
	Females	42	5	2	2	3	5	2	6	3	4	4	3	3	.....
	Total	102	3	5	9	9	9	13	4	7	14	10	11	8	.....
30	Males	54	2	1	.....	6	4	10	2	4	7	6	5	7	.....
	Females	48	1	4	9	3	5	3	2	3	7	4	6	1	.....
	Total	61	4	6	4	8	6	4	5	2	5	4	7	5	1
31	Males	27	1	2	1	5	3	2	2	1	1	2	4	3	.....
	Females	34	3	4	3	3	3	2	3	1	4	2	3	2	1
	Total	105	5	5	13	11	8	12	14	2	5	8	10	11	1
32	Males	47	2	1	5	3	3	6	5	1	3	4	8	5	1
	Females	58	3	4	8	8	5	6	9	1	2	4	2	6	.....
	Total	86	5	5	10	4	6	7	6	7	12	5	6	13	.....
33	Males	42	4	1	5	.....	2	3	3	5	7	2	3	7	.....
	Females	44	1	4	5	4	4	4	3	2	5	3	3	6	.....
	Total	71	5	4	5	5	9	6	3	7	6	8	8	5	.....
34	Males	35	2	2	4	1	3	4	1	2	4	3	6	3	.....
	Females	36	3	2	1	4	6	2	2	5	2	5	2	2	.....
	Total	93	3	14	5	7	12	6	10	3	11	6	7	9	.....
35	Males	48	1	7	3	1	8	6	3	1	4	3	4	7	.....
	Females	45	2	7	2	6	4	.....	7	2	7	3	3	2	.....
	Total	102	6	6	10	9	5	10	3	7	9	10	13	14	.....
36	Males	47	3	3	6	3	2	5	1	2	7	4	3	3	.....
	Females	55	3	3	4	6	3	5	2	5	2	6	10	6	.....

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	Total.....	71	1	4	6	8	7	3	9	8	6	7	6	6	.....
37.....	Males....	29	....	1	1	2	5	1	3	3	3	3	3	4	.....
	Females..	42	1	3	5	6	2	2	6	5	3	4.	3	2	.....
	Total.....	77	2	9	5	12	8	4	8	5	6	6	7	5	.....
38.....	Males....	47	2	5	4	7	5	1	7	2	3	4	4	3	.....
	Females..	30	....	4	1	5	3	3	1	3	3	2	3	2	.....
	Total.....	80	1	9	5	7	6	7	4	10	8	7	5	11	.....
39.....	Males....	37	....	5	3	2	2	4	4	4	2	3	2	6	.....
	Females..	43	1	4	2	5	4	3	.....	6	6	4	3	5	.....
	Total.....	100	8	6	6	7	9	9	8	9	7	11	10	10	.....
40.....	Males....	52	5	3	2	4	3	5	6	5	2	5	7	5	.....
	Females..	48	3	3	4	3	6	4	2	4	5	6	3	5	.....
	Total.....	48	1	3	5	4	2	2	2	5	6	5	3	9	1
41.....	Males.....	30	1	2	3	3	1	1	2	4	3	4	2	3	1
	Females..	18	....	1	2	1	1	1	.....	1	3	1	1	6	.....
	Total....	83	4	8	7	6	7	7	5	11	6	8	7	6	1
42.....	Males.....	49	3	5	4	5	2	3	4	6	3	6	4	3	1
	Females..	34	1	3	3	1	5	4	1	5	3	2	3	3	.....
	Total.....	56	4	3	7	1	5	4	4	4	7	5	6	6	.....
43.....	Males....	28	3	....	3	.....	3	1	2	2	6	2	3	3	.....
	Females..	28	1	3	4	1	2	3	2	2	1	3	3	3	.....
	Total.....	62	6	3	6	7	2	6	7	7	4	5	4	5	.....
44.....	Males.....	24	1	1	4	3	1	1	3	2	1	3	2	2	.....
	Females..	38	5	2	2	4	1	5	4	5	3	2	2	3	.....
	Total.....	89	5	5	13	7	8	5	6	10	6	6	6	12	.....
45.....	Males.....	56	2	4	8	5	4	5	6	5	3	4	3	7	.....
	Females..	33	3	1	5	2	4	.....	.....	5	3	2	3	5	.....
	Total.....	95	4	9	8	8	9	11	9	10	10	8	4	5	.....
46.....	Males.....	54	1	6	5	5	5	5	4	5	5	7	4	2	.....
	Females..	41	3	3	3	3	4	6	5	5	5	1	.....	3	.....
	Total.....	60	2	5	7	6	6	6	4	6	3	5	7	3	.....
47.....	Males....	33	1	2	4	5	3	3	.....	5	3	2	4	1	.....
	Females..	27	1	3	3	1	3	3	4	1	.....	3	3	2	.....
	Total.....	70	6	4	6	6	5	5	3	7	6	6	6	10	.....
48.....	Males....	43	4	3	5	1	4	3	3	6	2	4	3	5	.....
	Females..	27	2	1	1	5	1	2	.....	1	4	2	3	5	.....
	Total.....	61	2	....	6	9	3	9	4	5	5	6	3	9	.....
49.....	Males....	40	2	....	5	7	1	5	4	3	4	5	.....	4	.....
	Females..	21	....	....	1	2	2	4	.....	2	1	1	3	5	.....

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.												
			Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	Total	103	8	4	7	11	8	6	5	11	9	9	12	12	1
50	Males	53	6	1	2	7	2	2	3	8	5	3	9	4	1
	Females	50	2	3	5	4	6	4	2	3	4	6	3	8	.....
	Total	60	5	1	3	9	9	5	4	6	8	4	4	2	.....
51	Males	35	2	1	.....	5	5	3	1	5	5	3	4	1	.....
	Females	25	3	....	3	4	4	2	3	1	3	1	.....	1	.....
	Total	93	3	6	8	9	16	6	6	6	8	7	11	6	1
52	Males	54	1	4	6	6	7	4	4	1	5	4	9	3	.....
	Females	39	2	2	2	3	9	2	2	5	3	3	2	3	1
	Total	66	2	2	4	5	5	3	11	13	2	6	7	7	.....
53	Males	37	2	2	2	4	1	2	5	8	.....	4	4	3	.....
	Females	29	....	....	2	1	4	.....	6	5	2	2	3	4	.....
	Total	71	2	7	10	4	3	1	4	8	10	14	4	4	.....
54	Males	35	1	3	4	1	1	1	3	4	5	7	2	3	.....
	Females	36	1	4	6	3	2	.....	1	4	5	7	2	1	.....
	Total	84	3	5	6	5	8	4	11	6	9	9	10	8	.....
55	Males	57	2	2	4	3	7	4	7	3	6	5	8	6	.....
	Females	27	1	3	2	2	1	.....	4	3	3	4	2	2	.....
	Total	86	3	6	6	7	8	9	8	3	10	10	8	7	1
56	Males	63	3	5	1	5	5	8	7	3	4	9	6	6	1
	Females	23	....	1	5	2	3	1	1	.....	6	1	2	1	.....
	Total	85	6	7	14	7	6	2	3	6	4	10	9	11	.....
57	Males	46	3	5	5	5	3	1	1	6	3	5	3	6	.....
	Females	39	3	2	9	2	3	1	2	.....	1	5	6	5	.....
	Total	84	1	10	8	5	6	3	6	8	8	12	6	11	.....
58	Males	50	....	6	1	5	4	1	4	5	4	10	4	6	.....
	Females	34	1	4	7	.....	2	2	2	3	4	2	2	5	.....
	Total	81	10	10	11	3	3	3	4	9	11	2	5	10	.....
59	Males	50	5	6	9	1	1	2	2	7	8	1	4	4	.....
	Females	31	5	4	2	2	2	1	2	2	3	1	1	6	.....
	Total	93	5	4	4	10	9	5	8	10	11	6	9	12	.....
60	Males	52	4	2	2	6	5	3	5	6	5	3	5	6	.....
	Females	41	1	2	2	4	4	2	3	4	6	3	4	6	.....
	Total	63	3	3	2	5	4	12	6	5	9	6	2	6	.....
61	Males	36	2	3	1	1	2	8	2	4	6	4	1	2	.....
	Females	27	1	....	1	4	2	4	4	1	3	2	1	4	.....
	Total	83	7	6	11	7	3	6	5	9	8	5	9	7	....
62	Males	53	5	4	7	4	1	5	2	4	5	5	7	4	.....
	Females	30	2	2	4	3	2	1	3	5	3	....	2	3	.....

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
63	Total	86	6	7	8	5	7	2	8	7	11	7	11	7	.....
	Males	56	2	3	6	4	4	.....	8	5	9	3	9	3	.....
	Females	30	4	4	2	1	3	2	.....	2	2	4	2	4	.....
64	Total	93	5	6	5	9	7	10	7	10	8	7	12	7	.....
	Males	58	2	5	3	6	4	7	3	7	6	4	5	6	.....
	Females	35	3	1	2	3	3	3	4	3	2	3	7	1	.....
65	Total	117	9	8	10	5	14	9	9	9	10	13	11	10	.....
	Males	67	6	5	6	2	9	5	5	5	6	5	9	4	.....
	Females	50	3	3	4	3	5	4	4	4	4	8	2	6	.....
66	Total	99	3	2	8	11	7	6	15	11	6	10	6	14	.....
	Males	59	3	1	4	5	3	5	10	7	3	5	4	9	.....
	Females	40	----	1	4	6	4	1	5	4	3	5	2	5	.....
67	Total	88	9	4	6	9	5	2	11	9	11	10	7	5	.....
	Males	54	8	1	3	5	3	1	8	7	8	3	3	4	.....
	Females	34	1	3	3	4	2	1	3	2	3	7	4	1	.....
68	Total	89	4	6	5	10	7	8	3	6	8	12	9	11	.....
	Males	55	2	1	2	5	7	6	3	4	4	11	3	7	.....
	Females	34	2	5	3	5	.....	2	.....	2	4	1	6	4	.....
69	Total	68	6	1	4	5	6	5	4	6	8	8	8	7	.....
	Males	42	3	----	4	4	4	2	2	5	5	4	4	5	.....
	Females	26	3	1	.....	1	2	3	2	1	3	4	4	2	.....
70	Total	104	5	9	4	8	14	6	10	9	11	8	11	9	.....
	Males	68	2	6	3	5	7	3	8	7	9	6	5	7	.....
	Females	36	3	3	1	3	7	3	2	2	2	2	6	2	.....
71	Total	80	5	7	5	4	12	7	3	9	8	12	3	5	.....
	Males	52	4	3	3	3	8	5	2	4	7	7	3	3	.....
	Females	28	1	4	2	1	4	2	1	5	1	5	.....	2	.....
72	Total	109	6	6	9	17	5	3	6	12	16	10	6	13	.....
	Males	57	4	4	5	6	2	2	5	6	10	3	4	6	.....
	Females	52	2	2	4	11	3	1	1	6	6	7	2	7	.....
73	Total	108	3	5	7	12	10	11	12	6	14	8	9	11	.....
	Males	63	3	1	5	9	6	5	4	3	10	4	8	5	.....
	Females	45	----	4	2	3	4	6	8	3	4	4	1	6	.....
74	Total	89	5	5	4	12	6	9	5	6	15	8	7	7	.....
	Males	50	2	2	1	8	2	3	3	5	12	6	4	2	.....
	Females	39	3	3	3	4	4	6	2	1	3	2	3	5	.....

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
75	Total	88	5	8	5	8	10	4	6	7	14	11	4	6	----
	Males	46	2	4	2	3	7	1	4	4	10	5	2	2	----
	Females	42	3	4	3	5	3	3	2	3	4	6	2	4	----
76	Total	114	6	4	8	10	8	10	8	12	9	12	9	17	1
	Males	73	4	4	6		6	6	3	7	8	6	6	10	1
	Females	41	2	----	2	4	2	4	5	5	1	6	3	7	----
77	Total	69	4	9	11	4	5	3	4	5	7	8	7	2	----
	Males	46	3	6	8	3	3	3	3	4	5	4	3	1	----
	Females	23	1	3	3	1	2	------	1	1	2	4	4	1	----
78	Total	67	2	5	3	8	8	5	5	7	5	6	4	9	----
	Males	37	1	2	1	6	4	2	3	7	3	2	2	4	----
	Females	30	1	3	2	2	4	3	2	------	2	4	2	5	----
79	Total	49	----	3	5	3	3	8	3	4	5	2	5	7	1
	Males	32	----	3	2	3	2	4	2	3	3	2	2	6	----
	Females	17	----	----	3	------	1	4	1	1	2	----	3	1	1
80	Total	55	6	5	5	3	3	3	4	4	9	6	3	4	----
	Males	33	4	4	5	1	2	3	2	2	3	4	2	1	----
	Females	22	2	1	-----	2	1	------	2	2	6	2	1	3	----
81	Total	36	----	6	2	------	2	3	4	3	5	5	4	2	----
	Males	21	----	4	2	------	2	1	3	2	------	3	2	2	----
	Females	15	----	2	-----	------	------	2	1	1	5	2	2	----	----
82	Total	50	4	7	-----	1	4	3	6	4	5	9	4	1	2
	Males	29	3	6	-----	------	2	3	2	2	2	4	3	1	1
	Females	21	1	1	-----	1	2	------	4	2	3	5	1	----	1
83	Total	46	1	8	2	2	6	2	4	9	5	4	-----	3	----
	Males	24	----	1	1	2	3	2	3	5	2	3	-----	2	----
	Females	22	1	7	1	------	3	-----	1	4	3	1	-----	1	----
84	Total	56	4	1	4	6	7	8	1	3	9	7	3	3	----
	Males	35	2	1	3	4	2	5	1	------	7	7	1	2	----
	Females	21	2	----	1	2	5	3	------	3	2	----	2	1	----
85	Total	37	2	5	6	------	2	------	4	6	4	3	2	3	----
	Males	20	----	1	4	------	2	------	4	2	2	2	1	2	----
	Females	17	2	4	2	------	------	------	------	4	2	1	1	1	----
86	Total	27	1	3	-----	------	4	1	1	------	5	4	4	4	----
	Males	12	----	1	-----	------	2	------	1	------	2	3	1	2	----
	Females	15	1	2	-----	------	2	1	------	------	3	1	3	2	----
87	Total	27	----	3	-----	3	1	1	1	3	5	5	2	3	----
	Males	12	----	2	-----	2	1	------	------	2	2	1	1	1	----
	Females	15	----	1	-----	1	------	1	1	1	3	4	1	2	----

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	Total	21	1	2	2	4	3		2			1	2	4	
88	Males	11		2	1	2	2		1					3	
	Females	10	1		1	2	1		1			1	2	1	
	Total	10	1		1				1	2	1	1	3		
89	Males	5			1					2			2		
	Females	5	1						1		1	1	1		
	Total	24	2	4		1	1	2		1	4	2	1	6	
90	Males	9					1	1			2	2	1	2	
	Females	15	2	4		1		1		1	2			4	
	Total	11							1	1	2		4	3	
91	Males	8							1	1	2		2	2	
	Females	3											2	1	
	Total	11				1	3				3	1		3	
92	Males	4				1	2							1	
	Females	7					1				3	1		2	
	Total	4							1		1	1		1	
93	Males	1										1			
	Females	3							1		1			1	
	Total	7			1		1	1	1		1	1		1	
94	Males	3			1			1						1	
	Females	4					1		1		1	1			
95	Males	7			1				1			3		2	
	Total	7	2					1	1		1		1	1	
96	Males	4	1					1			1		1		
	Females	3	1						1					1	
	Total	4			1	1		1			1				
97	Males	2			1						1				
	Females	2				1		1							
	Total	5					1	1		1		1	1		
98	Males	2						1		1					
	Females	3					1					1	1		
	Total	3		1				1						1	
99	Males	2						1						1	
	Females	1		1											
	Total	2												2	
100	Males	1												1	
	Females	1												1	
101	Females	1	1												

TABLE VI.—CONTINUED.—*Deaths by Ages, by Sex, by Months, 1876.*

AGES IN YEARS.	SEX.	YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
103	Females	1	1	----	----	----	----	----	----	----	----	----	----	----	----
104	Total	4	----	-	----	----	----	1	----	----	1	----	2	----	----
	Males	2	----	-	----	----	----	1	----	----	----	----	----	----	----
	Females	2	----	-	----	----	----	----	----	----	1	----	1	----	----
119	Females	1	----	-	----	----	----	----	----	----	----	----	1	----	----
Unknown	Total	244	12	7	10	22	15	11	19	29	24	30	24	29	12
	Males	133	8	5	8	11	9	3	9	15	15	14	17	15	4
	Females	94	4	2	2	9	5	8	10	12	9	13	4	11	5
	Unknown	17	----	-		2	1	----	----	2	----	3	3	3	3

INFANT MORTALITY.

Exhibit 2 contains data concerning the still-born children returned for the years 1868–1876. The largest number of still-births were returned for 1876. Only the years 1874, 1875, and 1876 are comparable because in the years preceding 1874 the returns of births and of deaths were not compared as they were in 1874, 1875, and 1876, for the purpose of correcting the returns of still-births. This comparison and correction greatly increased the number of still-births returned, as is suggested by an examination of the exhibit, which shows such a large increase in 1874, 1875, and 1876 over previous years. In 1876 the still-births were 5.14 per cent of the total number of deaths. Further data on this subject of infant mortality can be found in Exhibits F and G, and in Tables IV., V., and VI., on preceding pages, and in Exhibits 2, 3, 4, and 5, and Table VIII., following this.

EXHIBIT 2.—*The Relation of Still-births to All Deaths Returned as having Occurred in Michigan during the several Years 1868 to 1876, inclusive, according to the Returns of Deaths. (Still-births for 1874, 1875, and 1876, corrected by means of the Returns of Births.)*

	TOTAL DEATHS AND STILL-BIRTHS.								
	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.
All Deaths	6,326	9,145	10,766	9,728	13,371	14,258	12,500	11,990	12,576
Number of Still-births	[a] 46	[a] 129	[a] 226	[a] 268	[a] 204	[a] 274	464	629	646
Per Cent of Still-births to All Deaths	.73	1.41	2.10	2.75	1.53	1.22	3.71	5.25	5.14

[a] Compiled from returns of deaths only.

TABLE VIII.—*Exhibiting, by Sex, the Number of Children under One Year of Age Returned as having Died in Michigan during the Year 1876; Distinguishing the Months in which they Died, their Age in Months at Death, the Months in which they were Born, and whether Born in the Year of Death or in the Previous Year.*[a]

Months in which Births and Deaths Occurred.	Number Born in Each Month of Year of Death.			Number of Children that Died at Each Age in Months.												Number Born in each Month of Year Previous to Year of Death.			Deaths by Months.					
	Year.	Total.	Sex.	No. of each Sex.	-1.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	No. of each Sex.	Total.	Year.	Of those Born in Year of Death.		Of those Born in Previous Year.		All Aged under One Year.	
																				Sex.	Total.	Sex.	Total.	Sex.	Total.
January	1876.	241	Males	135	53	10	5	3	3	3	8	5	3	1	2	1	----	----	1875.	53	88	44	69	97	157
			Females	106	35	4	1	3	3	3	4	1	2	2	1	1	----	----		35		25		60	
February		244	Males	127	44	14	13	7	4	6	7	1	4	4	3	2	1	2		58	103	51	90	109	193
			Females	117	40	5	8	6	5	..	6	1	5	6	1	1	1			45		39		84	
March		278	Males	151	66	11	8	6	5	6	4	10	1	8	5	8	4	6		85	156	53	91	138	247
			Females	127	60	6	5	8	4	9	3	3	2	1	3	5	2			71		38		109	
April		237	Males	170	76	12	4	3	2	5	8	4	2	2	4	3	12	20		95	170	30	60	125	230
			Females	127	52	4	11	8	8	6	..	2	7	2	3	2	8			75		30		105	
May		285	Males	165	70	17	8	11	2	8	7	2	1	4	7	3	15	28		108	177	32	54	140	231
			Females	120	46	8	5	7	3	6	1	2	3	3	2	5	13			69		22		91	
June		274	Males	132	57	7	8	9	8	4	2	2	4	5	4	3	24	39		93	156	20	45	113	201
			Females	92	40	4	6	6	5	2	7	2	5	6	2	3	15			63		25		88	
July		230	Males	147	76	16	21	14	12	10	12	11	9	13	8	9	22	36		161	269	50	90	211	359
			Females	83	48	11	10	12	8	12	7	9	8	11	7	5	14			108		40		148	
August		237	Males	139	90	34	18	25	21	19	16	20	23	12	15	14	39	68		243	439	64	127	307	566
			Females	98	66	11	15	27	18	20	23	16	13	13	18	19	29			196		63		259	
September		195	Males	109	71	25	17	23	24	19	9	9	12	9	10	9	45	88		209	373	28	41	237	414
			Females	86	61	10	16	11	17	18	12	6	13	4	3	6	43			164		13		177	
October		163	Males	100	76	13	8	11	8	7	6	6	5	2	8	5	64	123		142	242	13	16	155	258
			Females	63	39	14	7	3	9	9	2	5	4	8	2	1	59			100		3		103	
November		147	Males	88	66	12	14	6	2	3	6	4	2	6	2	4	67	112		123	227	4	5	127	232
			Females	59	53	9	8	11	1	5	3	6	4	2	2	1	45			104		1		105	
December		153	Males	82	82	22	12	11	10	7	7	5	5	8	3	3	96	166		175	294	----	----	175	294
			Females	71	71	6	15	3	4	4	1	4	5	3	1	2	70			119		----		119	

Deaths by Ages.																											
	Of those Born in Year of Death.	1876.		Males	1,545	827	183	118	113	87	69	56	44	24	16	5	3	.....	.....	.....	1,545						
				Females	1,149	611	88	98	88	65	70	48	37	26	13	3	2	.....	.....	.....	1,149						
			2,694	Total	2,694	1438	271	216	201	152	139	104	81	50	29	8	5	.....	.....	.....	.....	2,694					
	Of those Born in Previous Year.	1875.		Males	.....	....	10	18	16	14	28	36	35	47	58	66	61	389	.....	.....	.....	.....	389				
				Females	.....	....	4	9	17	20	24	21	20	45	48	42	49	299	.....	.....	.....	.....	299				
				Total	688	....	14	27	33	34	52	57	55	92	106	108	110	.....	688	.....	.....	.....	.....	688			
	All Aged Under One Year.			Males	.....	827	193	136	129	101	97	92	79	71	74	71	64	.....	.....	.....	.....	.....	.....	.....	1,934		
				Females	.....	611	92	107	105	85	94	69	57	71	61	45	51	.....	.....	.....	.....	.....	.....	.....	1,448		
				Total	*3,382	1438	285	243	234	186	191	161	136	142	135	116	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	*3,382

* Excluding 1 male, 2 females, and 1 unknown sex, month of death unknown; and 41 deaths of persons of unknown sex,—44 in all, exclusive of the 1 of unknown sex in unknown month, counted twice.

BIRTH-MONTHS MOST FAVORABLE TO THE LIFE OF THE CHILD.

Exhibit 3 contains data concerning the number of children who were born in each month of the year 1875, and who died in 1875 and 1876, aged under one year. The largest proportion of the decedents born in 1875, who died aged under one year, is shown for those born in the month of February, the smallest for those born in September. Of the children born in 1874, who died under one year of age, the largest proportion appeared for those born in February, the smallest for those born in November; of those born in 1873, the largest proportion was shown for those born in the month of January, the smallest for those born in September; of those born in 1872, the largest proportion appeared for those born in March, the smallest for those born in November; and of those born in 1871, the largest proportion who died before reaching the age of one year was of those born in October, the smallest proportion was of those born in May and in September, respectively. The teaching of Exhibit 3, therefore, for the several years, 1872–1876, is that the chances for living past the age of one year are best for those born in the first three months of the year, while the greatest danger of dying before reaching the age of one year is to those born in the latter part of the year.

MONTHS OF GREATEST DANGER TO LIFE OF CHILD AGED UNDER ONE YEAR.

The first parts of Exhibit G, page 121, and of Tables V. and VI., pages 123 and 124, have shown us that in 1876 the evidence is that the mortality of children under one year of age was greatest in the month of August, next greatest in the month of September, next in July, and next in December. This is not the same order by months as was shown in the Report for 1875, in which year there seems to have been a less than usual proportion of deaths in the latter part of the year, while in the year 1876 there appears to have been more than the usual mortality in the summer, and less than the usual mortality in the spring, as may be seen by referring to Diagram No. 3, page 116.

Exhibit 4, page 137, is similar to the corresponding exhibits for previous years, and has been explained in previous Reports. By the third column from the last, it appears that a very large proportion of the children born in 1875, who died aged under one year of age, died during the month of birth, the per cent ranging from 36.23 in June to 54.88 in November, the average per cent being 43.34. The last column shows what per cent of the children born in each month of the year 1875 died during the month of birth. On an average for 1875, 4.35 per cent of the children died during the month of birth. In February the largest per cent died during month of birth, and the smallest per cent appears for July.

EXHIBIT 3.—*Of the Children Born in 1875, the Number who Died during the Year 1875; the Number who Died during the Year 1876 under One Year of Age; the Total Number who Died under One Year of Age; and Per Cent of Decedents Aged under One Year to the Children Born in 1875, according to the Returns.*

MONTHS OF BIRTHS.	CHILDREN BORN IN 1875.					MALE CHILDREN BORN IN 1875.					FEMALE CHILDREN BORN IN 1875.				
	Total as Returned.[a]	Died during the Year 1875.	Died Aged under 1 Year during the Year 1876.	Total Died Aged under 1 Year.	Per Cent of Deaths under 1 to Births.	Total as Returned.	Died during the Year 1875.	Died Aged under 1 Year during the Year 1876.	Total Died Aged under 1 Year.	Per Cent of Deaths under 1 to Births.	Total as Returned.	Died during the Year 1875.	Died Aged under 1 Year during the Year 1876.	Total Died Aged under 1 Year.	Per Cent of Deaths under 1 to Births.
Total[a]	31,898	2,533	688	3,221	10.10	16,483	1,431	389	1,820	11.04	15,341	1,102	299	1,401	9.13
January	2,089	235	.....	235	11.25	1,082	146	.....	146	13.49	1,002	89	.....	89	8.88
February	2,121	270	2	272	12.82	1,080	162	1	163	15.09	1,035	108	1	109	10.53
March	2,415	290	6	296	12.26	1,240	159	4	163	13.15	1,165	131	2	133	11.42
April	2,710	268	20	288	10.64	1,368	149	12	161	11.77	1,336	119	8	127	9.51
May	2,722	243	28	271	9.96	1,427	139	15	154	10.79	1,292	104	13	117	9.06
June	2,530	212	39	251	9.92	1,319	120	24	144	10.92	1,205	92	15	107	8.88
July	2,725	194	36	230	8.44	1,443	111	22	133	9.22	1,279	83	14	97	7.58
August	3,103	250	68	318	10.25	1,633	130	39	169	10.35	1,465	120	29	149	10.17
September	3,081	168	88	256	8.31	1,568	95	45	140	8.93	1,507	73	43	116	7.70
October	2,819	138	123	261	9.26	1,425	67	64	131	9.19	1,388	71	59	130	9.37
November	2,727	143	112	255	9.35	1,411	91	67	158	11.20	1,307	52	45	97	7.42
December	2,856	122	106	228	10.06	1,467	62	96	158	10.63	1,360	60	70	130	9.56

[a] Excluding 60 in unknown month,—26 males, 26 females, and 8 of unknown sex.

EXHIBIT 4.—*The Months of Births and of Deaths of Children born in 1875, who Died Under One Year of Age.*

MONTHS OF BIRTHS, 1875.	Born in 1875, Died under 1 Year of Age.	Months of Deaths, 1875.												Months of Deaths, 1876.												Per Cent Died Aged under 1 month. a	Births in 1875 as Returned. b	Per Cent of Children who Died Aged under 1 month to all children born. c
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
Born in 1875, died } Aged under 1 Yr. }	3,221	88	129	182	196	170	147	213	371	354	236	207	240	69	90	91	60	54	45	90	127	41	16	5	....	.....	b 31,808	.....
January.....	235	88	18	16	24	4	10	15	23	18	7	7	5	..	....	....	....	....	....	....	....	....	....	....	....	37.45	2,080	4.21
February.....	272	....	111	40	18	13	6	17	27	21	7	6	4	2	..	....	....	....	....	....	....	....	....	....	....	40.81	2,121	5.23
March	296	....	....	126	22	11	12	25	35	29	10	7	13	3	3	..	....	....	....	....	....	....	....	....	....	42.57	2,415	5.22
April.....	288	....	....	....	132	22	10	24	30	31	11	3	5	3	4	13	..	....	....	....	....	....	....	....	....	45.83	2,710	4.87
May	271	....	....	....	....	120	18	21	33	22	13	7	9	5	10	8	5	..	....	....	....	....	....	....	....	44.28	2,722	4.41
June	251	....	....	....	....	....	91	23	28	38	16	8	8	6	9	9	7	8	..	....	....	....	....	....	....	36.25	2,530	3.60
July	230	....	....	....	....	....	....	88	38	32	16	7	13	12	2	3	4	9	6	..	....	....	....	....	....	38.26	2,725	3.23
August.....	318	....	....	....	....	....	....	....	157	50	14	9	20	6	13	13	9	7	6	14	..	....	....	....	....	49.37	3,103	5.06
September.....	256	....	....	....	....	....	....	....	....	113	24	14	17	6	6	7	6	4	11	15	33	..	....	....	....	44.14	3,081	3.67
October	261	....	....	....	....	....	....	....	....	....	118	9	11	6	9	15	8	4	9	24	33	15	..	....	....	45.21	2,819	4.19
November.....	255	....	....	....	....	....	....	....	....	....	....	130	13	6	13	9	11	8	4	17	25	13	6	..	....	50.98	2,727	4.77
December.....	288	....	....	....	....	....	....	....	....	....	....	....	122	14	21	14	10	14	9	20	36	12	10	5	..	42.36	2,856	4.27
Deaths at each Age { No. of Deaths.	3,221	....	....	....	....	....	....	....	....	....	....	....	....	1396	291	202	219	164	179	154	121	129	132	119	115	43.34	31,808	4.38
Ages in Months }	.....	....	....	....	....	....	....	....	....	....	....	....	....	-1	1	2	3	4	5	6	7	8	9	10	11	.....	.....	.....

a That is, per cent of children who died during month of birth to total born in 1875 who died aged under one year.
b Excluding 60 in unknown month,—26 males, 26 females, and 8 of unknown sex.
c That is, of the children born in 1875, the per cent who died during month of birth, according to the returns of births and of deaths. It should be borne in mind that probably a larger proportion of the births and of the deaths are returned for the later months of the year.

RELATIONS OF DEATHS OF CHILDREN TO BIRTHS, BY MONTHS.

The relation of deaths of children aged under one month to births, in 1876, is shown, by sex, and by month, in Exhibit 5. It may be seen that the per cent of the males is greater than of the females; and of the total of both sexes, and of the males, the greatest per cent is in August, while of the females the greatest per cent is in March.

EXHIBIT 5.—*The Relation by Months, by Total, and by Sex, of the Decedents aged under One Month to the Births in Michigan, during the Year ending December 31, 1876.*

SEX, ETC., SPECIFIED.		YEAR, 1876.	MONTHS, 1876.											
			Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Total	Births	34,235	2,283	2,352	2,744	2,730	2,870	2,739	3,014	3,124	3,110	3,039	2,921	3,205	104
	Deaths aged under one month.[a]	1,474	89	87	129	132	117	101	125	160	134	116	124	159	1
	Per Cent of Deaths to Births...	4.31	3.90	3.70	4.70	4.84	4.08	3.69	4.15	5.12	4.31	3.82	4.25	4.96	.96
Males	Births	17,751	1,149	1,243	1,448	1,441	1,471	1,409	1,532	1,592	1,619	1,595	1,532	1,667	53
	Deaths aged under one month.[a]	827	53	44	66	76	70	57	76	90	71	76	66	82	.....
	Per Cent of Deaths to Births...	4.66	4.61	3.54	4.56	5.27	4.76	4.05	4.96	5.65	4.39	4.76	4.31	4.92	.....
Females	Births	16,428	1,132	1,104	1,289	1,286	1,397	1,325	1,481	1,525	1,487	1,440	1,384	1,529	49
	Deaths aged under one month.[a]	612	35	40	60	52	46	40	48	66	61	39	53	71	1
	Per Cent of Deaths to Births...	3.73	3.09	3.62	4.65	4.04	3.29	3.02	3.24	4.33	4.10	2.71	3.83	4.64	2.04
Unknown.	Births	56	2	5	7	3	2	5	1	7	4	4	5	9	2
	Deaths aged under one month.[a]	35	1	3	3	4	1	4	1	4	2	1	5	6	.....

[a] Still-births included.

DEATHS OF CENTENARIANS.

According to the returns of deaths, nine persons died in this State in 1876, who were one hundred years old or over. This number is the same as returned for 1875, and more than any other previous year, except 1874, for which year 10 were reported. The average age of the centenarians in 1876 was 104 years; in 1875, 102 years; in 1874, 103 years; in 1873, 100 years; in 1872, 100 years; in 1871, 102 years; in 1870, 102 years. The highest age reported was 119 years, in 1876.

TABLE IX.—*Deaths Returned as having occurred in Michigan, during the year 1876, of Persons Aged One Hundred Years and Over, Exhibiting certain Details concerning them included in the Returns.*

NAMES OF CENTENARIANS, 1876.	SEX.	COLOR.	Married, Single, or Widowed.	Birthplace.	AGE.			Occupation.	PLACE OF DEATH.		DATE OF DEATH, 1876.		Cause of Death.
					Years.	Months.	Days.		Township, City, or Village.	County.	Month.	Day.	
Old Squaw	Female..	Indian.	Widow...	Canada	100	....	.....	Unknown	Cedarville	Menominee..	December.	20	Old Age.
Louis Dellamore	Male	White.	Widower.	Canada	104	....	.....	Farmer	Hume	Huron	June	17	Old Age.
Catharine Labonter	Female..	White.	Widow...	Canada	104	....	3	Not stated	Ira	St. Clair	November	14	Not stated.
William Shanks	Male	White.	Married..	Pennsylvania	104	8	18	Farmer	Montrose	Genesee	November	3	Diabetes.
Eva Schraw	Female..	White.	Widow...	Michigan	103	....	.....	Unemployed..	Waterloo.	Jackson	January...	9	Old Age.
Mary McAvoy	Female..	White.	Widow...	Ireland	101	....	.....	Unemployed..	Detroit	Wayne.	January...	14	Debility.
Mary Ann Staffers..	Female..	White.	Widow...	Germany	119	....	.....	House-wife	Detroit	Wayne	November	26	Congest'n of Stomach
Robert Brundon	Male	Black..	Unknown	England	100	....	.....	Unknown	Nankin	Wayne	December.	16	Dropsy.
Charlotte Desnoyer.	Female..	White.	Not given	Canada	104	....	.....	House-keeper	Attica	Lapeer	September	1	Old Age.

EXHIBIT H.—*Counties and Townships from which no Returns of Deaths for 1876 were received by this Department, showing Population in 1874, by Sex.*

COUNTIES.	TOWNSHIPS FROM WHICH NO RETURNS OF DEATHS FOR 1876 WERE RECEIVED.	POPULATION, 1874.		
		Total.	Males.	Females.
Total		17,045	9,260	7,785
Antrim	Kearney [a]			
Bay	Merritt	316	173	143
Cheboygan	Nunda [a b]			
Chippewa	Detour [a c]	221	131	90
	Sugar Island [b]	332	173	159
Clare	Summerfield	134	73	61
Delta	Fairbanks	536	344	192
Genesee	Argentine [b]	1,037	546	491
Hillsdale	Scipio	1,009	539	470
Ionia	North Plains [b]	1,803	948	855
Iosco	Thompson [b d]	56	35	21
Isabella	Broomfield	84	46	38
	Deerfield [a]			
Manitou	Galileo	163	92	71
	Peaine	341	183	158
	South Manitou [e]			
Mecosta	Green	886	471	415
Monroe	Berlin [b]	2,026	1,044	982
Montcalm	Reynolds	1,271	731	540
Newaygo	Beaver	200	119	81
	Big Prairie	400	234	166
	Bridgeton	366	203	163
	Brooks	1,180	633	547
	Monroe	168	102	66
Oakland	Holly [b]	2,507	1,248	1,259
Ogemaw [a]	Edwards [a b]			
Otsego [a]	Charlton [a b]			
	Elmira [a b]			
	Corwith [a b]			
	Hayes [a b]			
Presque Isle	Presque Isle	719	368	351
Roscommon	All Townships [a f]			
Schoolcraft	All Townships [b]	1,290	824	466
Wexford	Cadillac, 1st Ward			

[a] Organized since Census was taken.
[b] County Clerk says no returns from Supervisor.
[c] "Warner" in Census. Name changed to Detour, April 10, 1877.
[d] Includes the north quarter of the unorganized county of Ogemaw.
[e] Census not returned.
[f] County Clerk says "No deaths reported."

TOWNSHIPS IN WHICH NO DEATHS OCCURRED.

There were seventy-five (75) townships in Michigan in which it was reported that no deaths occurred in 1876, representing a population in 1874 of 8,063. All of these townships were situated north of the southern boundary of Saginaw county. This is an unusually large number of townships reported as having no deaths during a year. The inhabitants of these new townships are probably in large proportion persons in the middle periods of life, at ages generally comparatively free from deaths.

EXHIBIT I.—*Counties and Townships in which it is Reported that No Deaths Occurred in 1876.*

COUNTIES.	TOWNSHIPS HAVING NO DEATHS IN 1876.	POPULATION, 1874.			COUNTIES.	TOWNSHIPS HAVING NO DEATHS IN 1876.	POPULATION, 1874.		
		Total.	Males.	Females.			Total.	Males.	Females.
Total		8,063	4,510	3,553	Leelanaw	Elmwood	285	157	128
						Empire	416	220	196
Alcona	Alcona	319	182	137	Manistee	Arcadia	226	126	100
Alpena	Long Rapids	291	176	115	Marquette	Forsyth	34	25	9
	Ossineke	110	78	32		Richmond	394	226	168
Antrim	Chestonia [a]				Mason	Lincoln	131	73	58
	Echo [a]					Victory	421	229	192
	Forest Home	242	133	109	Midland	Geneva	131	81	50
	Jordan [a]					Jerome	173	96	77
Bay	Beaver	170	91	79	Missaukee	Clam Union	117	65	52
	Mason [a]					Riverside	82	41	41
	Moffit [a]					West Branch	64	52	12
Benzie	Homestead	164	81	83	Muskegon	Moorland	213	116	97
	Lake	40	22	18					
	Weldon	53	28	25	Oceana	Colfax	76	42	34
Charlevoix	Hudson [a]					Greenwood	248	141	107
						Otto	128	68	60
Cheboygan	Tuscarora [a]				Ogemaw	Churchill [a]			
Clare	Hayes [a]					Rose [a]			
Emmet	Littlefield [a]				Osceola	Hartwick	145	80	65
	Maple River [a]					Middle Branch	86	47	39
	Pleasant View [a]					Sylvan	124	77	47
Gladwin [a]	Billings [a]				Saginaw	Lakefield [a]			
	Gladwin [a]								
Huron	Colfax	150	90	60	Sanilac	Argyle	122	64	58
	Huron	372	192	180		Elmer	64	33	31
	Lincoln [a]					Evergreen	98	53	45
	Oliver [a]					Moore	51	28	23
	Sheridan	196	101	95		Watertown	72	38	34
	White Rock	300	168	132	Tuscola	Geneva	207	114	93
Kalkaska	Cold Springs	51	26	25	Wexford	Antioch	163	84	79
	Maple Forest [a]					Boon [a]			
	Orange	64	38	26		Cleon	94	56	38
	South Branch [a]					Henderson	75	45	30
	Springfield	169	90	79		Harring	199	119	80
Lake	Cherry Valley	104	50	54		Liberty [a]			
	Dover [a]					Selma	138	73	65
	Elk	91	68	23					
	Eden [a]								
	Glencoe [a]								
	Lake	104	72	32					
	Webber	114	63	51					
	Yates	182	92	90					

[a] Organized since census was taken.

TABLE X.—*Exhibiting for the State and Counties, by Sex, the Number of Deaths Returned as having Occurred in Michigan during the Year 1876, and in each Month of the Year; also the Number of Deaths at each Period of Age.*

STATE AND COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
State.....[a]	Total.....	12,576	685	800	975	978	970	855	1079	1507	1423	1131	989	1153	31	5121	630	367	537	564	515	425	423	349	375	393	420	418	461	490	387	457	244
	Males.....	6,756	392	412	515	509	519	463	598	822	757	606	541	607	15	2798	332	180	233	235	240	205	208	183	226	214	266	255	277	290	234	247	133
	Females..	5,761	292	385	456	463	449	388	480	677	664	521	439	535	12	2281	298	187	304	329	275	220	215	166	149	179	154	163	184	200	153	210	94
	Unknown	59	1	3	4	6	2	4	1	8	2	4	9	11	4	42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	17
Alcona.....	Total.....	8	2	1	1	....	....	....	....	1	2	....	1	....	..	2	....	....	1	1	....	1	....	....	....	1	....	....	1	....	....	....	1
	Males.....	5	1	1	1	....	....	....	....	1	....	....	1	....	..	1	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1
	Females..	3	1	....	....	....	....	....	....	....	2	....	....	....	..	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Allegan.....	Total.....	311	20	20	31	27	19	20	23	38	42	21	27	23	..	116	23	11	13	19	10	10	4	10	13	10	12	12	10	13	10	12	3
	Males.....	172	12	11	17	14	12	13	14	19	22	11	14	13	..	61	9	4	9	15	4	3	2	4	6	6	10	7	8	8	6	7	3
	Females..	139	8	9	14	13	7	7	9	19	20	10	13	10	..	55	14	7	4	4	6	7	2	6	7	4	2	5	2	5	4	5	....
Alpena.....	Total.....	43	....	3	4	....	2	4	8	7	6	2	3	4	..	24	....	2	3	....	3	1	2	....	3	2	....	1	2	....	....	....	....
	Males.....	21	....	1	2	....	1	....	5	4	5	2	1	....	..	14	....	1	1	....	2	....	....	....	....	2	....	....	1	....	....	....	....
	Females..	22	....	2	2	....	1	4	3	3	1	....	2	4	..	10	....	1	2	....	1	1	2	....	3	....	....	1	1	....	....	....	....
Antrim.....	Total.....	19	2	1	1	1	2	2	2	3	....	4	1	....	..	14	....	....	1	....	....	....	....	1	....	....	1	....	1	....	....	....	1
	Males.....	14	2	1	....	1	2	2	....	2	....	3	1	....	..	10	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	1
	Females..	4	....	....	1	....	....	....	1	1	....	1	....	....	..	3	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Unknown	1	....	....	....	....	....	....	1	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] For counties and townships not represented by returns of deaths in 1876, see Exhibit H, page 141.

TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Baraga	Total	27	3	....	....	4	2	1	1	3	3	3	3	4	..	13	....		2	-	2	1	....	....	2	2	1	1	1	1	..	..	..
	Males	12	2	....	....	3	1	1	1	1	....	1	1	1	..	5	....		1	-	1	....	....	....	....	....	1	1	1	1	..	..	..
	Females	15	1	....	....	1	1	....	....	2	3	2	2	3	..	8	....		1	-	1	1	....	....	2	2	....	..	..	..	..	..	..
Barry	Total	196	15	13	10	15	10	10	12	21	28	24	17	18	3	66	15	14	6	4	13	7	6	7	7	5	9	7	5	10	5	8	2
	Males	95	9	6	1	7	6	7	7	11	13	13	6	7	2	37	7	6	3	-	7	3	3	3	4	3	7	2	1	2	3	2	2
	Females	100	6	7	9	8	4	3	5	10	15	10	11	11	1	28	8	8	3	4	6	4	3	4	3	2	2	5	4	8	2	6	..
	Unknown	1	....	....	....	....	....	....	....	....	....	1	....	....	..	1	....		....	-	....	....	....	....	....	....	....	..	..	..	..	..	..	..
Bay	Total	257	10	13	18	14	19	13	26	37	25	26	30	26	..	152	10	7	15	8	5	6	9	3	9	6	6	6	5	6	2	1	1
	Males	135	7	6	7	6	10	5	17	22	12	15	16	12	..	79	7	5	6	2	3	....	6	1	6	2	5	4	3	4	1	..	1
	Females	122	3	7	11	8	9	8	9	15	13	11	14	14	..	73	3	2	9	6	2	6	3	2	3	4	1	2	2	2	1	1	..
Benzie	Total	26	3	2	....	2	1	3	1	1	5	2	4	2	..	10	....		1	-	1	3	....	....	....	1	1	3	1	1	..	2	2
	Males	11	....	....	....	2	1	2	....	1	3	....	1	1	..	5	....		....	..	....	....	....	....	....	....	1	2	1	..	..	1	1
	Females	15	3	2	....	....	....	1	1	....	2	2	3	1	..	5	....		1	..	1	3	....	....	....	1	....	1	..	1	..	1	1
Berrien	Total	335	19	31	25	22	21	15	22	53	49	26	20	30	2	130	15	16	11	14	19	13	6	10	10	10	11	11	17	16	10	6	10
	Males	186	13	13	19	14	9	6	13	33	29	13	8	16	..	83	7	5	8	6	9	7	5	5	5	5	6	6	7	8	4	2	8
	Females	149	6	18	6	8	12	9	9	20	20	13	12	14	2	47	8	11	3	8	10	6	1	5	5	5	5	5	10	8	6	4	2

Branch	Total	309	19	21	21	28	18	14	19	44	51	24	28	22	..	93	27	19	12	8	8	10	7	12	9	13	18	12	10	9	16	12	14
	Males	151	8	9	14	15	7	8	7	18	31	14	13	7	..	50	20	7	2	2	4	5	3	6	4	5	6	7	5	4	10	5	6
	Females	156	11	12	7	13	11	6	12	26	20	10	15	13	..	41	7	12	10	6	4	5	4	6	5	8	12	5	5	5	6	7	8
	Unknown	2		..	..	....	..	..	....	..	..	....	..	2	..	2	..	....	..	.	....	....	....	....	....	..	..	..	..	..	..	..	..	..
Calhoun	Total	238	4	9	19	15	18	15	12	29	29	36	20	32	..	50	17	6	10	9	10	10	7	12	11	18	10	18	12	17	10	7	4
	Males	124	3	4	6	8	10	10	7	14	15	13	13	21	..	28	7	2	5	1	2	3	4	6	9	7	8	12	8	11	5	4	2
	Females	112		5	13	7	8	4	5	15	14	22	7	11	..	21	10	4	5	8	8	7	3	6	2	11	2	6	4	6	5	3	1
	Unknown	2		..	..	....	..	1	....	..	..	1	..	..	..	1	..	....	..	.	....	....	....	....	....	..	..	..	..	..	..	..	..	1
Cass	Total	189	6	8	12	10	20	13	16	16	34	17	14	23	..	68	13	7	8	8	11	4	8	5	7	3	4	8	9	8	12	5	1
	Males	92	5	4	6	5	9	6	9	9	17	10	3	9	..	36	4	4	2	1	5	2	4	1	5	2	2	5	5	4	7	2	1
	Females	97		4	6	5	11	7	7	7	17	7	11	14	..	32	9	3	6	7	6	2	4	4	2	1	2	3	4	4	5	3	..
Charlevoix	Total	33		1	..	4	3	5	1	4	4	5	3	2	..	16	5	....	2	2	3	....	....	....	1	..	..	..	..	1	2	..	1
	Males	18		..	..	4	1	4	1	2	3	1	..	1	..	9	3	....	..	1	1	....	....	....	....	..	..	..	..	1	2	..	1
	Females	15		1	..	....	2	1	....	2	1	4	3	1	..	7	2	....	2	1	2	....		..	1	..	..	..	..	..	..	..	..
Cheboygan	Total	14		..	1	....	2	1	4	1	1	1	..	2	..	4	2	....	2	.	....	1		..	1	..	..	..	..	..	2	1	1
	Males	8		..	1	....	2	1	1	1	1	....	..	..	..	3	1	....	..	.	....	....		..	1	..	..	..	..	..	2	..	1
	Females	6			..	....	..	..	3	..	..	1	..	2	..	1	1	....	2	.	....			..	....	..	..	..	..	..	..	1	..
Chippewa	Total	31			1	2	1	5	2	5	6	4	2	1	1	14	2	....	2	2	2	4		..	1	1	..	1	..	1	1	..	..
	Males	16			1	....	1	1	1	3	4	2	1	..	1	8	..	....	1	.	2			..	1	1	..	..	..	1	1		..
	Females	14			..	1		4	1	2	2	2	1	1	..	5	2	....	1	2	....	3		..	....	..	..	1	..	..			..
	Unknown	1			..	1		..	....	..	..	....	..	..	..	1	..	....	..	.	....			..	....	..	..	..	..	..			..
Clare	Total	16			..	....		..	2	4	4	2	3	1	..	10	..	....	1	.	2			..	1	..	..	1	..	..			..
	Males	11	....	....	....	....		..	1	3	2	2	3	..	..	7	..	....	1	.	1			..	1	..	..	..	..	..			..
	Females	5	....	....	....	....		..	1	1	2	....	..	1	..	3	..	....	..	.	1			..	....	..	..	1	..	..			..

TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Clinton	Total	187	12	18	26	16	18	13	10	18	19	14	14	9	..	75	18	4	7	10	6	7	3	3	1	9	7	5	7	8	8	3	6
	Males	95	8	10	16	13	5	5	5	11	8	6	4	4	..	39	6	3	6	3	2	4	1	1	1	3	4	5	4	4	4	1	4
	Females	91	4	8	10	3	12	8	5	7	11	8	10	5	..	36	12	1	1	7	4	3	2	2	....	6	3	..	3	4	4	2	1
	Unknown	1	....	....	....	....	1	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	..	1
Delta	Total	38	....	2	1	2	1	3	3	6	13	4	1	2	..	18	3	1	1	....	2	2	1	4	1	1	....	..	..	1	1	2	..
	Males	20	....	1	1	1	....	2	2	3	4	3	1	2	..	8	1	....	1	....	2	2	....	2	1	....	....	..	..	1	1	1	..
	Females	18	....	1	....	1	1	1	1	3	9	1	....	....	..	10	2	1	....	....	....	....	1	2	....	1	....	..	..	..	..	1	..
Eaton	Total	236	18	21	16	15	18	13	20	23	27	29	16	20	..	83	15	8	8	10	9	6	8	6	9	7	8	14	11	11	6	16	1
	Males	124	11	14	9	5	8	7	11	12	15	15	8	9	..	52	4	3	3	5	4	3	2	3	1	3	4	9	8	8	2	9	1
	Females	112	7	7	7	10	10	6	9	11	12	14	8	11	..	31	11	5	5	5	5	3	6	3	8	4	4	5	3	3	4	7	..
Emmet	Total	65	6	5	6	3	6	3	8	7	5	7	5	3	1	38	2	4	2	2	3	....	2	....	1	....	2	1	1	2	1	1	3
	Males	32	1	3	4	2	1	2	3	6	2	3	2	3	..	22	....	2	1	1	1	....	....	....	....	....	1	1	..	..	..	1	2
	Females	32	5	2	1	1	5	1	5	1	3	4	3	....	1	15	2	2	1	1	2	....	2	....	1	....	1	..	1	2	1	..	1
	Unknown	1	....	....	1	....	....	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	..	..
Genesee	Total	255	11	16	21	19	23	10	12	20	37	28	20	21	2	86	13	3	10	9	13	8	12	1	6	10	13	11	15	14	12	18	1
	Males	138	7	9	10	11	16	7	7	17	16	17	10	10	1	49	8	....	4	3	4	6	4	....	4	7	9	5	10	8	9	8	..
	Females	117	4	7	11	8	12	3	5	13	21	11	10	11	1	37	5	3	6	6	9	2	8	1	2	3	4	6	5	6	3	10	1

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TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	Year, 1876.	Months, 1876.												Ages in Periods of Years, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Ionia	Total	231	11	9	18	26	14	20	22	35	28	17	14	17	81	8	6	10	17	8	9	8	6	11	4	10	10	10	11	8	13	1
	Males	114	4	6	7	15	8	11	8	16	15	9	7	8	43	4	1	5	5	5	2	2	4	4	2	4	7	8	7	3	7	1
	Females	113	7	3	11	11	6	9	14	15	13	8	7	9	34	4	5	5	12	3	7	6	2	7	2	6	3	2	4	5	6	--
	Unknown	4	--	--	--	--	--	--	--	4	--	--	--	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iosco	Total	40	3	2	2	5	5	--	--	7	5	7	3	1	21	3	2	2	1	1	1	2	1	--	2	--	--	--	2	--	2	--
	Males	21	2	1	--	3	4	--	--	5	2	1	3	--	14	1	1	1	1	--	--	--	--	--	1	--	--	--	1	--	1	--
	Females	19	1	1	2	2	1	--	--	2	3	6	--	1	7	2	1	1	--	1	1	2	1	--	1	--	--	--	1	--	1	--
Isabella	Total	84	5	7	9	7	5	9	8	10	6	8	3	6	41	9	2	4	5	--	2	5	1	3	1	1	1	2	--	1	3	3
	Males	37	1	6	4	1	1	4	5	5	1	4	2	3	21	3	1	1	2	--	--	1	--	2	--	--	--	2	--	--	2	2
	Females	47	4	1	5	6	4	5	3	5	5	4	1	3	20	6	1	3	3	--	2	4	1	1	1	1	1	--	--	1	1	1
Isle Royal	Males	5	--	2	--	--	--	1	--	--	--	--	--	2	--	--	--	--	1	--	1	1	--	--	--	--	--	--	--	--	--	2
Jackson	Total	331	13	18	31	27	30	21	26	34	37	35	27	32	124	9	14	10	20	15	10	18	12	14	6	15	6	15	17	10	14	2
	Males	175	4	10	16	14	11	13	14	14	20	20	18	21	70	5	8	2	10	4	3	5	5	8	3	12	5	10	8	6	10	1
	Females	156	9	8	15	13	19	8	12	20	17	15	9	11	54	4	6	8	10	11	7	13	7	6	3	3	1	5	9	4	4	1
Kalamazoo	Total	324	16	23	22	19	31	26	21	41	34	36	26	29	94	14	8	14	8	6	17	15	14	19	14	16	15	20	18	14	15	3
	Males	176	12	8	10	10	17	14	12	19	22	21	13	18	51	7	4	6	2	4	9	11	4	11	7	10	11	12	9	7	10	1
	Females	148	4	15	12	9	14	12	9	22	12	15	13	11	43	7	4	8	6	2	8	4	10	8	7	6	4	8	9	7	5	2

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TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Livingston..	Total.....	158	2	10	12	9	12	6	8	26	21	15	19	17	1	48	9	4	10	8	10	7	4	3	4	2	6	11	3	10	9	9	1
	Males.....	85	2	3	6	7	9	3	5	13	11	9	9	8	..	26	5	2	2	5	3	3	2	2	3	2	2	7	3	6	6	5	1
	Females...	71	....	7	6	2	3	3	3	12	10	6	10	8	1	20	4	2	8	3	7	4	2	1	1	....	4	4	..	4	3	4	..
	Unknown.	2	....	....	....	....	....	....	....	1	....	....	....	1	..	2	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	..	..	..
Mackinac...	Total.....	23	....	1	1	....	....	2	1	3	1	4	10	....	..	4	....	....	5	3	....	1	4	2	....	1	1	..	..	..	1	..	1
	Males.....	18	....	1	1	....	....	2	1	2	....	1	10	....	..	3	....	....	5	1	....	1	4	1	....	....	1	..	..	..	1	..	1
	Females...	5	....	....	....	....	....	....	....	1	1	3	....	....	..	1	....	....	....	2	....	....	....	1	....	1	....	..	..	..	..	..	..	..
Macomb.....	Total.....	260	16	14	22	20	13	15	24	22	34	30	29	21	..	86	6	6	11	14	13	7	6	9	6	7	9	10	13	14	22	19	2
	Males.....	150	9	11	15	9	7	9	12	10	17	17	23	11	..	53	3	4	5	4	3	4	3	6	3	5	8	7	7	9	18	8	..
	Females...	110	7	3	7	11	6	6	12	12	17	13	6	10	..	33	3	2	6	10	10	3	3	3	3	2	1	3	6	5	4	11	2
Manistee....	Total.....	74	2	4	4	2	6	1	10	9	14	9	8	4	1	47	3	1	2	2	5	....	2	1	2	....	2	2	2	..	2	..	1
	Males.....	51	2	2	3	2	3	1	7	8	11	2	6	3	1	31	3	....	1	2	1	....	2	1	2	....	2	2	1	..	2	..	1
	Females...	23	....	2	1	....	3	....	3	1	3	7	2	1	..	16	....	1	1	....	4	....	....	....	....	....	....	..	1	..	..	..	..	..
Manitou	Total.....	3	....	....	....	....	....	1	....	1	....	....	....	1	..	2	....	....	....	....	....	....	....	....	1	....	....	..	..	..	..	..	..
	Males.....	2	....	....	....	....	....	....	....	1	....	....	....	1	..	1	....	....	....	....	....	....	....	....	1	....	....	..	..	..	..	..	..
	Females...	1	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	..	..

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TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Montcalm	Total	152	5	9	17	12	22	15	4	22	19	10	12	4	1	74	3	3	3	12	12	9	4	8	2	3	3	3	2	3	2	3
	Males	80	2	5	11	7	9	11	2	12	7	6	5	3	..	33	2	2	1	6	6	5	3	5	1	1	3	3	1	2	2	2
	Females	72	3	4	6	5	13	4	2	10	12	4	7	1	1	41	1	1	2	6	6	4	1	3	1	2	..	..	1	1	1	..	1
Muskegon	Total	120	9	10	3	8	6	12	13	20	6	9	10	14	..	64	8	1	3	2	1	6	6	4	2	4	2	4	4	3	2	..	4
	Males	68	4	7	2	5	3	8	11	8	4	4	7	5	..	40	2	..	1	1	..	3	5	2	1	2	1	3	2	2	1	..	2
	Females	52	5	3	1	3	3	4	2	12	2	5	3	9	..	24	6	1	2	1	1	3	1	2	1	2	1	1	2	1	1	..	2
Nuwaygo	Total	68	2	3	7	11	4	8	3	6	10	4	4	6	..	31	1	3	4	1	3	2	6	1	1	3	1	3	1	1	2	2	2
	Males	37	..	3	2	5	2	2	1	4	8	3	2	5	..	18	..	3	3	..	1	1	1	1	..	1	1	1	1	1	1	2	1
	Females	30	2	..	5	5	2	6	2	2	2	1	2	1	..	12	1	..	1	1	2	1	5	..	1	2	..	2	..	..	1	..	1
	Unknown	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oakland	Total	268	16	21	21	21	20	13	30	24	24	27	23	28	..	64	12	10	9	19	10	11	7	13	10	6	12	14	20	19	7	18	7
	Males	147	11	12	10	8	13	5	16	17	16	10	13	16	..	39	6	4	7	9	5	5	2	5	6	3	6	8	10	12	5	11	4
	Females	120	5	9	10	13	7	8	14	7	8	17	10	12	..	24	6	6	2	10	5	6	5	8	4	3	6	6	10	7	2	7	3
	Unknown	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oceana	Total	83	5	4	8	6	3	6	1	10	8	9	10	13	..	37	6	5	5	4	1	1	2	3	1	5	3	3	1	3	1	2	..
	Males	45	2	2	6	1	2	2	1	7	4	4	7	7	..	24	4	1	2	1	1	..	1	..	1	2	2	..	1	3	..	2	..
	Females	38	3	2	2	5	1	4	..	3	4	5	3	6	..	13	2	4	3	3	..	1	1	3	..	3	1	3	..	..	1	..	..

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TABLE X.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1876.*

COUNTIES.	SEX.	YEAR, 1876.	MONTHS, 1876.												AGES IN PERIODS OF YEARS, 1876.																
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Sanilac	Total	144	5	7	7	19	11	12	14	15	13	19	7	15	83	5	2	4	5	4	1	2	2	3	9	2	2	5	6	3	4	2
	Males	82	4	3	5	8	7	5	8	9	8	12	3	10	47	2	2	3	--	2	---	1	2	2	5	1	2	2	6	2	3	---
	Females	62	1	4	2	11	4	7	6	6	5	7	4	5	36	3	---	1	5	2	1	1	---	1	4	1	--	3	--	1	1	2
Schoolcraft	[a]	---	--	---	---	---	--	--	---	---	---	--	--	--	---	---	---	---	---	--	---	---	---	---	---	--	--	--	--	--	--	---
Shiawassee	Total	189	12	18	17	12	17	7	10	19	25	16	17	18	62	18	5	11	12	10	6	4	4	5	7	5	5	8	9	3	11	4
	Males	96	5	8	7	5	9	4	4	10	12	10	11	10	30	9	1	3	6	6	3	1	3	2	5	2	5	3	7	2	6	2
	Females	93	7	10	10	7	8	3	6	9	13	6	6	8	32	9	4	8	6	4	3	3	1	3	2	3	--	5	2	1	5	2
St. Clair	Total	336	15	27	27	34	20	20	21	42	41	28	30	29	135	16	9	18	19	15	7	6	9	11	6	10	9	15	11	11	17	6
	Males	181	10	15	8	17	11	13	13	29	23	14	16	11	72	11	4	7	8	4	5	3	3	6	4	12	6	10	8	6	10	2
	Females	152	5	12	18	16	9	7	8	13	18	14	14	17	61	5	5	11	11	11	2	3	6	5	2	4	3	5	3	5	7	3
	Unknown	3	--	---	1	1	-	--	---	---	---	--	--	1	2	---	---	---	--	---	---	-	---	---	---	--	--	--	--	--	--	1
St. Joseph	Total	219	9	16	24	14	11	11	13	26	28	26	19	22	75	13	6	9	5	3	11	9	4	2	11	4	9	9	23	10	12	4
	Males	114	1	10	14	7	5	6	8	14	13	14	8	14	47	5	3	2	1	3	4	4	4	2	5	2	1	3	16	5	6	1
	Females	105	8	6	10	7	6	5	5	12	15	12	11	8	28	8	3	7	4	---	7	5	---	---	6	2	8	6	7	5	6	3
Tuscola	Total	125	7	5	12	3	5	16	2	9	15	15	5	12	--	48	9	4	9	9	6	8	3	2	3	3	5	6	3	3	2	1	1
	Males	55	6	1	7	1	2	4	8	3	7	8	2	6	--	23	4	4	2	5	2	2	1	---	1	---	1	4	1	2	2	1	---
	Females	70	1	4	5	2	3	12	13	6	8	7	3	6	--	25	5	---	7	4	4	6	2	2	2	3	4	2	2	1	--	--	1

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COLOR OF PERSONS WHO DIED IN MICHIGAN IN 1876.

It is to be regretted that the State Census law does not provide for ascertaining the color of inhabitants, and therefore the death-rate by color cannot well be studied for the year 1876, because the proportions of inhabitants by color may have changed since the U. S. Census of 1870. But Table XI. still contains items of interest,—one being that nearly 96 per cent of the deaths returned as having occurred in this State in 1876 were of white persons.

Table XII. permits a study of the details respecting color of decedents in 1876 in each county in the State.

TABLE XI.—*Deaths Returned as having occurred in Michigan during the Year 1876, distinguishing the Color by Number and Proportion of each Sex, and by Sex, the Per Cent of Decedents of each Color to Total of All Colors.*

COLOR.	SEX.	No. of Deaths Returned.	Per Cent of Deaths of Each Sex to Total of Both Sexes.	Males to 100 Females.	Per Cent of Deaths of each Color to Total of All Colors, by Sex.
All Colors	Total	12,576	.....	.....	100.00
	Males	6,756	53.97	117.27	100.00
	Females	5,761	46.03	.....	100.00
	Unknown	59	.....	.....	100.00
White	Total	12,069	.....	.....	95.97
	Males	6,500	54.00	117.41	96.21
	Females	5,536	46.00	.....	96.09
	Unknown	33	.....	.....	55.93
Black	Total	113	.....	.....	.90
	Males	68	60.71	154.55	1.01
	Females	44	39.29	.....	.76
	Unknown	1	.....	.....	1.69
Mulatto	Total	38	.....	.....	.30
	Males	24	63.16	171.43	.36
	Females	14	36.84	.....	.24
Indian	Total	156	.....	.....	1.24
	Males	80	51.28	105.26	1.18
	Females	76	48.72	.....	1.32
Unknown	Total	200	.....	.....	1.59
	Males	84	48.00	92.31	1.24
	Females	91	52.00	.....	1.58
	Unknown	25	.....	.....	42.34
Black and Mulatto	Total	151	.....	.....	1.20
	Males	92	61.33	158.62	1.36
	Females	58	38.67	.....	1.01
	Unknown	1	.....	.....	1.69

TABLE XII.—*Exhibiting, by Number and by Sex, for the State and Counties, the Color of All Persons Returned as having Died in Michigan during the Year ending December 31, 1876.*

STATE AND COUNTIES.	ALL COLORS,—1876.				WHITE.				BLACK.				MULATTO.			INDIAN.			UNKNOWN.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
State	12,576	6,756	5,761	59	12,069	6,500	5,536	33	[a]113	68	44	1	38	24	14	[b]156	80	76	200	84	91	25
Alcona	8	5	3	..	8	5	3	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Allegan	311	172	139	..	310	172	138	..	1	..	1	..	....	..	..	....	..	..	....	..	..	..
Alpena	43	21	22	..	42	21	21	..	....	..	..	..	1	..	1	....	..	..	....	..	..	..
Antrim	19	14	4	1	17	13	4	..	....	..	..	..	....	..	..	1	1	..	1	..	..	1
Baraga	27	12	15	..	15	5	10	..	....	..	..	..	....	..	..	[c]12	7	5	....	..	..	..
Barry	196	95	100	1	196	95	100	1	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Bay	257	135	122	..	119	67	52	..	....	..	..	..	....	..	..	4	3	1	134	65	69	..
Benzie	26	11	15	..	25	10	15	..	1	1	..	..	....	..	..	....	..	..	....	..	..	..
Berrien	335	186	149	..	320	173	147	..	[d]9	8	1	..	6	5	1	....	..	..	....	..	..	..
Branch	309	151	156	2	309	151	156	2	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Calhoun	238	124	112	2	230	121	109	..	[e]3	2	1	..	....	..	..	1	..	1	4	1	1	2
Cass	189	92	97	..	169	80	89	..	7	4	3	..	13	8	5	....	..	..	..	..	..	..
Charlevoix	33	18	15	..	23	13	10	..	....	..	..	..	....	..	..	10	5	5	....	..	..	..
Cheboygan	14	8	6	..	10	7	3	..	....	..	..	..	....	..	..	[f]4	1	3	....	..	..	..
Chippewa	31	16	14	1	19	10	8	1	....	..	..	..	....	..	..	[g]12	6	6	....	..	..	..
Clare	16	11	5	..	16	11	5	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Clinton	187	95	91	1	186	95	91	..	....	..	..	..	....	..	..	....	..	..	1	..	..	1
Delta	38	20	18	..	35	18	17	..	....	..	..	..	....	..	..	[h]3	2	1	....	..	..	..
Eaton	236	124	112	..	233	121	112	..	[i]3	3	..	..	....	..	..	....	..	..	....	..	..	..
Emmet	65	32	32	1	21	6	15	..	....	..	..	..	....	..	..	[j]43	26	17	1	..	..	1
Genesee	255	138	117	..	254	138	116	..	1	..	1	..	....	..	..	....	..	..	....	..	..	..
Gladwin	1	.....	1	..	1	.....	1	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Gr. Traverse	45	23	22	..	45	23	22	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Gratiot	89	47	42	..	89	47	42	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Hillsdale	213	110	103	..	213	110	103	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Houghton	183	109	74	..	182	108	74	..	....	..	..	..	....	..	..	[k]1	1	..	....	..	..	..
Huron	82	46	35	1	82	46	35	1	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Ingham	255	142	111	2	253	140	111	2	[l]1	1	..	..	1	1	..	....	..	..	....	..	..	..

[a] Includes 13 males and 7 females "Colored," and 1 male "African and Indian."
[b] Includes 10 males and 10 females White and Indian, and 2 males and 2 females "Half-breed."
[c] Includes 4 males and 3 females White and Indian.
[d] Includes 2 males "Colored."
[e] Includes 2 males and 1 female "Colored."
[f] Includes 1 female "Half-breed."
[g] Includes 5 males and 6 females White and Indian.
[h] Includes 1 male and 1 female "Half-breed."
[i] Includes 1 male "African and Indian."
[j] Includes 1 male White and Indian.
[k] Includes 1 male "Half-breed."
[l] Includes 1 male "Colored."

TABLE XII.—CONTINUED.—*Deaths by Counties, by Color, and by Sex.*

COUNTIES.	ALL COLORS,—1876.				WHITE.				BLACK.				MULATTO.			INDIAN.			UNKNOWN.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
Ionia	231	114	113	4	231	114	113	4	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Iosco	40	21	19	..	40	21	19	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Isabella	84	37	47	..	56	28	28	..	....	..	..	..	....	..	..	28	9	19	....	..	..	..
Isle Royal	5	5	.....	..	5	5	.....	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Jackson	331	175	156	..	330	175	155	..	....	..	..	..	....	..	..	....	..	..	1	..	1	..
Kalamazoo	324	176	148	..	307	170	137	..	3	1	2	..	....	..	..	....	..	..	14	5	9	..
Kalkaska	13	8	5	..	13	8	5	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Kent	612	332	275	5	599	329	270	..	[a] 4	1	2	1	5	2	3	....	.	..	4	..	..	4
Keweenaw	74	30	35	9	65	28	35	2	....	..	..	..	....	..	..	....	..	..	9	2	..	7
Lake	13	7	6	..	13	7	6	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Lapeer	173	83	90	..	173	83	90	..	.. ..	..	..	..	....	..	..	....	..	..	....	..	..	..
Leelanaw	40	20	20	..	26	13	13	..	....	..	..	..	....	..	..	14	7	7	....	..	..	..
Lenawee	395	200	195	..	385	194	191	..	[a] 7	5	2	..	2	1	1	....	..	..	1	..	1	..
Livingston	158	85	71	2	157	85	71	1	....	..	..	..	....	..	..	....	..	..	1	..	..	1
Mackinac	23	18	5	..	21	16	5	..	....	..	..	..	....	..	..	1	1	..	1	1	.	..
Macomb	260	150	110	..	258	149	109	..	2	1	1	..	....	..	..	....	..	..	....	..	..	..
Manistee	74	51	23	..	74	51	23	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Manitou	3	2	1	..	3	2	1	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Marquette	250	146	104	..	249	146	103	..	1	..	1	..	....	..	..	....	..	..	....	..		..
Mason	63	37	26	..	58	35	23	..	....	..	..	..	....	..	..	5	2	3	..	..	..	..
Mecosta	46	26	20	..	46	26	20	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Menominee	20	13	6	1	19	13	5	1	....	..	..	..	....	..	..	1	..	1	....	..	..	..
Midland	40	17	23	..	40	17	23	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Missaukee	5	2	3	..	5	2	3	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Monroe	196	103	92	1	196	103	92	1	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Montcalm	152	80	72	..	143	76	67	..	....	..	..	..	....	..	..	....	..	..	9	4	5	..
Muskegon	120	68	52	..	118	67	51	..	[b] 2	1	1	..	....	..	..	....	..	..	....	..	..	..
Newaygo	68	37	30	1	68	37	30	1	....	..	..	..	....		..	....	..	..	....	..	..	..
Oakland	268	147	120	1	260	143	117	..	[c] 4	2	2	..	....	..	..	....	..	..	4	2	1	1
Oceana	83	45	38	..	73	38	35	..	....	..	..	..	....	..	..	[d] 10	7	3	....	..	..	..
Ogemaw	4	2	2	..	4	2	2	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Ontonagon	24	14	10	..	23	14	9	..	....	..	..	..	....	..	..	1	..	1	....	..	..	..
Osceola	68	38	30	..	68	38	30	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..

[a] Includes 1 female "Colored."
[b] Includes 1 male and 1 female, "Colored."
[c] Includes 1 male, "Colored."
[d] Includes 1 female White and Indian.

TABLE XII.—CONTINUED.—*Deaths by Counties, by Color, and by Sex.*

COUNTIES.	ALL COLORS,—1876.				WHITE.				BLACK.				MULATTO.			INDIAN.			UNKNOWN.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
Otsego	4	2	2	..	4	2	2	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Ottawa	259	133	126	..	255	131	124	..	2	1	1	..	....	..	..	2	1	1	....	..	..	..
Presq. Isle	13	10	3	..	13	10	3	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Roscommon[a]	.....	.....	.....	..	.....	.....	.....	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Saginaw	503	251	241	11	495	247	238	10	[b] 1	1	..	..	2	1	1	3	1	2	2	1	..	1
Sanilac	144	82	62	..	144	82	62	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Schoolcraft[a]	.....	.....	.....	..	.....	.....	.....	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Shiawassee	189	96	93	..	189	96	93	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
St. Clair	336	181	152	3	329	178	148	3	....	..	..	..	....	..	..	....	..	..	7	3	4	..
St. Joseph	219	114	105	..	219	114	105	..	....	..	..	..	....	..	..	....		..	....	..	..	..
Tuscola	125	55	70	..	125	55	70	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..
Van Buren	256	127	129	..	250	122	128	..	[b] 4	3	1	..	2	2	..	....	..	..	....	..	..	..
Washtenaw	302	182	120	..	296	178	118	..	[c] 6	4	2	..	....	..	..	....	..	..	....	..	..	..
Wayne	2,242	1,266	967	9	2,179	1,233	943	3	[d] 51	29	22	..	6	4	2	....	..	..	6	..	..	6
Wexford	23	11	12	..	23	11	12	..	....	..	..	..	....	..	..	....	..	..	....	..	..	..

[a] No returns of deaths from county clerk.
[b] Includes 1 male "Colored."
[c] Includes 2 males "Colored."
[d] Includes 2 males and 3 females "Colored."

DEATHS OF NATIVE AND OF FOREIGN-BORN INHABITANTS.

Exhibit 6 shows, for each of the years, 1872–1876, the number and per cent of decedents of each nativity in Michigan, according to the returns. The average proportion of the native-born decedents for seven years is 80.73. The proportion of native-born inhabitants in 1870 was 77.57 per cent. It should be borne in mind that the deaths of the native-born include all still-born children, most of the deaths of infants, and a large proportion of the deaths of children, among whom the death-rate is very large, compared with that of persons in middle life.

Table XIII. permits of studying the subject of nativity of decedents in Michigan in 1876 in each county in the State.

EXHIBIT 6.—*Nativity of Persons Returned as having Died in Michigan during each of the years 1872–1876, showing the Number and the Per Cent which the Native and the Foreign-born Decedents are of the Total of All Nativities, and the Average Number and Per Cent for the Seven Years ending with 1875.*

NATIVITY OF DECEDENTS.	Deaths, 1872.		Deaths, 1873.		Deaths, 1874.		Deaths, 1875.		Deaths, 1876.		Av. of 7 years, ending with 1875.	
	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
All Nativities	13,371	100.00	14,253	100.00	12,500	100.00	11,990	100.00	12,576	100.00	11,680	100.00
Native-born	10,812	80.86	11,602	81.37	9,937	79.50	9,573	79.84	10,147	80.69	9,429	80.73
Foreign-born	2,146	16.05	2,340	16.41	2,128	17.02	2,106	17.57	2,078	16.52	1,887	16.16
Unknown	413	3.09	316	2.22	435	3.48	311	2.59	351	2.79	363	3.11

TABLE XIII.—*Exhibiting by Number and by Sex, for the State and Counties, the Nativity of all Persons Returned as having Died in Michigan during the Year ending December 31, 1876.*

STATE AND COUNTIES.	All Nativities,—1876.				Native.				Foreign.			Unknown.			
	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Total.	Males.	Females.	Unk
State	12,576	6,756	5,761	59	10,147	5,355	4,747	45	2,078	1,206	872	[a]351	195	142	14
Alcona	8	5	3	....	4	3	1	....	4	2	2	....	.....	.....	....
Allegan	311	172	139	....	257	139	118	....	46	26	20	8	7	1	....
Alpena	43	21	22	....	32	19	13	....	11	2	9	....	.....	.....	....
Antrim	19	14	4	1	16	11	4	1	2	2	.....	1	1	.....	....
Baraga	27	12	15	....	17	7	10	....	5	1	4	5	4	1	....
Barry	196	95	100	1	172	83	88	1	20	9	11	4	3	1	....
Bay	257	135	122	....	190	96	94	....	55	32	23	12	7	5	....
Benzie	26	11	15	....	21	9	12	....	4	2	2	1	.....	1	....
Berrien	335	186	149	....	287	160	127	....	32	16	16	[b]16	10	6	....
Branch	309	151	156	2	286	142	143	1	14	7	7	9	2	6	1
Calhoun	238	124	112	2	201	99	100	2	31	20	11	6	5	1	....
Cass	189	92	97	....	180	90	90	....	8	2	6	1	.....	1	....
Charlevoix	33	18	15	....	31	17	14	....	1	.....	1	1	1	.....	....
Cheboygan	14	8	6	....	8	4	4	....	4	3	1	2	1	1	....
Chippewa	31	16	14	1	22	11	10	1	9	5	4	....	.....	.....	....
Clare	16	11	5	....	11	7	4	....	5	4	1	....	.....	.....	....
Clinton	187	95	91	1	169	87	81	1	18	8	10	....	.....	.....	....
Delta	38	20	18	....	27	12	15	....	10	7	3	1	1	.....	....
Eaton	236	124	112	....	215	116	99	....	14	5	9	7	3	4	....

[a] 7 males and 3 females "America." [b] 1 male and 1 female "America."

TABLE XIII.—CONTINUED.—*Deaths by Counties, Nativity, and Sex.*

COUNTIES.	ALL NATIVITIES,—1876.				NATIVE.				FOREIGN.			UNKNOWN.			
	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Total.	Males.	Females.	Unk
Emmet	65	32	32	1	58	28	29	1	3	1	2	4	3	1	....
Genesee	255	138	117	....	218	116	102	....	31	20	11	6	2	4	....
Gladwin	1	.....	1	....	1	.....	1	....	.....	.....	.....	....	.....	.....	....
Gr. Traverse	45	23	22	....	34	17	17	....	7	3	4	4	3	1	....
Gratiot	89	47	42	....	79	42	37	....	7	3	4	3	2	1	....
Hillsdale	213	110	103	....	198	102	96	....	11	7	4	4	1	3	....
Houghton	183	109	74	....	142	79	63	....	41	30	11	....	.....	.....	....
Huron	82	46	35	1	50	26	23	1	31	20	11	1	.....	1	....
Ingham	255	142	111	2	230	125	103	2	21	14	7	4	3	1	....
Ionia	231	114	113	4	210	103	103	4	18	9	9	3	2	1	....
Iosco	40	21	19	....	28	17	11	....	8	3	5	4	1	3	....
Isabella	84	37	47	....	80	34	46	....	3	2	1	1	1	.....	....
Isle Royal	5	5	.....	....	.....	.....	.....	....	1	1	.....	4	4	.....	....
Jackson	331	175	156	....	286	151	135	....	38	20	18	[a]7	4	3	....
Kalamazoo	324	176	148	....	262	142	120	....	44	24	20	18	10	8	....
Kalkaska	13	8	5	....	13	8	5	....	.....	.....	.....	....	.....	.....	....
Kent	612	332	275	5	508	279	224	5	81	43	38	23	10	13	....
Keweenaw	74	30	35	9	49	21	26	2	15	6	9	10	3	.....	7
Lake	13	7	6	....	10	5	5	....	2	1	1	1	1	.....	....
Lapeer	173	83	90	....	138	69	69	....	35	14	21	....	.....	.....	....
Leelanaw	40	20	20	....	32	16	16	....	7	4	3	1	.....	1	....
Lenawee	395	200	195	....	357	176	181	....	35	22	13	3	2	1	....
Livingston	158	85	71	2	142	75	65	2	14	8	6	2	2	.....	....
Mackinac	23	18	5	....	19	15	4	....	2	2	.....	2	1	1	....
Macomb	260	150	110	....	212	119	93	....	44	28	16	4	3	1	....
Manistee	74	51	23	....	61	41	20	....	11	10	1	2	.....	2	....
Manitou	3	2	1	....	2	1	1	....	1	1	.....	....	.....	.....	....
Marquette	250	146	104	....	166	90	76	....	75	49	26	9	7	2	....
Mason	63	37	26	....	51	30	21	....	11	7	4	1	.....	1	....
Mecosta	46	26	20	....	38	20	18	....	8	6	2	....	.....	.....	....
Menominee	20	13	6	1	14	8	5	1	6	5	1	....	.....	.....	....
Midland	40	17	23	....	33	13	20	....	7	4	3	....	.....	.....	....
Missaukee	5	2	3	....	3	.....	3	....	1	1	.....	1	1	.....	....
Monroe	196	103	92	1	152	77	74	1	40	24	16	4	2	2	....
Montcalm	152	80	72	....	125	60	65	....	19	15	4	8	5	3	....
Muskegon	120	68	52	....	96	53	43	....	21	14	7	3	1	2	....
Newaygo	68	37	30	1	62	35	26	1	6	2	4	....	.....	.....	....

[a] 1 male "America."

TABLE XIII.—CONTINUED.—*Deaths by Counties, Nativity, and Sex.*

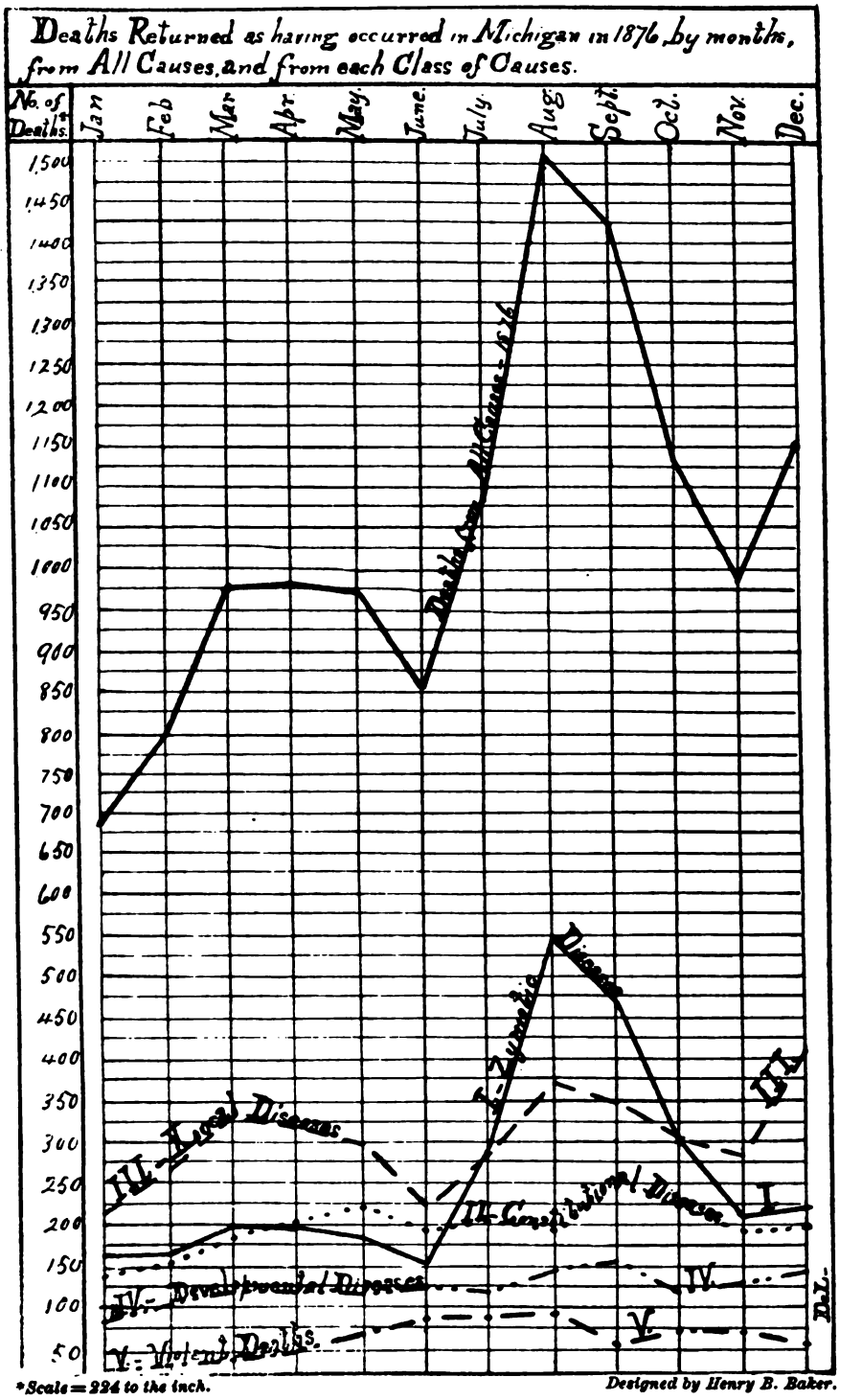
COUNTIES.	ALL NATIVITIES,—1876.				NATIVE.				FOREIGN.				UNKNOWN.			
	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Unk	Total.	Males.	Females.	Unk
Oakland	268	147	120	1	206	109	96	1	53	33	20		9	5	4	
Oceana	83	45	38		70	42	28		11	2	9		2	1	1	
Ogemaw	4	2	2		4	2	2									
Ontonagon	24	14	10		15	10	5		9	4	5					
Osceola	68	38	30		48	27	21		18	10	8		2	1	1	
Otsego	4	2	2		3	2	1						1		1	
Ottawa	259	133	126		191	98	93		62	32	30		6	3	3	
Presq. Isle	13	10	3		11	9	2		2	1	1					
Roscommon[a]																
Saginaw	503	251	241	11	355	173	171	11	130	73	57		18	5	13	
Sanilac	144	82	62		108	60	48		35	22	13		1		1	
Schoolcraft[a]																
Shiawassee	189	96	93		166	84	82		20	10	10		3	2	1	
St. Clair	336	181	152	3	205	104	98	3	119	70	49		12	7	5	
St. Joseph	219	114	105		197	100	97		19	12	7		3	2	1	
Tuscola	125	55	70		96	43	53		28	12	16		1		1	
Van Buren	256	127	129		230	110	120		23	14	9		3	3		
Washtenaw	302	182	120		227	133	94		67	45	22		8	4	4	
Wayne	2,242	1,366	867	9	1,693	936	754	3	480	288	192		[b]69	42	21	6
Wexford	23	11	12		17	8	9		4	2	2		2	1	1	

[a] No returns of deaths to county clerk.
[b] 5 males and 2 females "America."

CAUSES OF DEATHS, 1876.

Comments on the deaths from all causes in 1876 are printed on pages 107–8, where comparisons are made with the reported deaths in preceding years. It there appears that there were more deaths in 1876 than in 1875. So far as relates to the deaths from all causes, the subject may be studied in Table I., page 109. The classes of causes which caused the most deaths in 1876 and in each year preceding, may be studied in Table XIV., following, and in the comments thereon, and the month of the year 1876 in which the deaths from all causes and from each class of causes were numerous, may be learned by examining Diagram No. 4, following. The deaths from all causes may be studied by months in 1876, and compared with averages by months in the five preceding years in Diagram No. 3, preceding. Diagram No. 5, on a following page, shows five groups of deaths from diseases in important organs or parts of the body, from which it appears that in all of them more deaths were returned for 1876 than for the year 1875. The specified causes of deaths included in each class, by Dr. Farr's classification, can be seen in Table XVI., which also permits of studying the subject for every county in the State. Any specified disease or cause of death may be readily found and studied by month of death, sex, and age of decedent, etc., in Table XVII.,—specified causes of death, alphabetically arranged.

DIAGRAM No. 4.



*Scale = 224 to the inch.

Designed by Henry B. Baker.

CAUSES OF DEATH, DR. FARR'S CLASSIFICATION.

The reported causes of deaths in Michigan in 1876 were classified in the same manner as in previous Reports. Five classes are used, as shown in Table XIV. The largest proportion is shown for Class III.—Local Diseases—for 1873, 1874, 1875, and 1876; but for the other years the largest proportion is shown for Class I.—Zymotic Diseases. In 1876, 29.00 per cent of all the deaths were caused by the diseases included in Class III., and 24.60 per cent by diseases included in Class I. A larger proportion of the deaths was caused by Class V.—Violent Deaths—in 1876 than in any previous year, and a smaller proportion was returned from the unknown and unclassified.

TABLE XIV.—*Number of Deaths Returned as having Occurred in Michigan from All Causes, and from each Class of Causes, and the Per Cent of Deaths from each Class of Causes to Deaths from All Causes for each of the Years 1872 to 1876, inclusive; also the Average Number and Per Cent for the Seven Years 1869–1875.*

CAUSES OF DEATH, CLASSES.	1872.		1873.		1874.		1875.		1876.		AVERAGE FOR SEVEN YEARS, ENDING WITH 1875.	
	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.	Number.	Per Ct. of Total.
All Causes	13,871	100.00	14,258	100.00	12,500	100.00	11,990	100.00	12,576	100.00	11,680	100.00
I.—Zymotic	4,589	32.90	4,027	28.24	3,260	26.08	2,798	23.34	3,094	24.60	3,295	28.21
II.—Constitutional	2,146	16.05	2,207	15.48	2,117	16.93	2,190	18.27	2,348	18.67	2,045	17.51
III.—Local Diseases	3,762	28.14	4,565	32.02	3,697	29.58	3,565	29.73	3,647	29.00	3,320	28.42
IV.—Developmental	1,063	7.94	1,162	8.15	1,256	10.05	1,353	11.28	1,458	11.59	1,070	9.16
V.—Violent Deaths	541	4.04	685	4.80	656	5.25	646	5.39	747	5.94	576	4.93
Unknown and Unclassified	1,460	10.93	1,612	11.31	1,514	12.11	1,438	11.99	1,282	10.19	1,373	11.76

EXHIBIT 7.—*By Months, the Number of Deaths Returned as having occurred in Michigan from All Causes, and from each Class of Causes, during the Year 1876.*

CAUSES OF DEATH, CLASSES.	YEAR, 1876.	MONTHS OF DEATHS,—1876.												
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
All Causes	12,576	685	800	975	978	970	855	1,079	1,507	1,423	1,131	989	1,153	31
I.—Zymotic	3,094	163	164	199	198	183	153	288	544	468	300	209	220	5
II.—Constitutional	2,348	138	154	183	201	220	192	203	192	248	222	194	198	3
III.—Local Diseases	3,647	211	264	329	317	298	224	286	369	348	304	281	407	9
IV.—Developmental	1,458	81	101	118	116	115	123	116	143	155	117	128	141	4
V.—Violent Deaths	747	28	36	41	50	68	83	87	94	58	72	71	57	2
Unknown and Unclassified	1,282	64	81	105	96	86	80	99	165	146	116	106	130	8

Exhibit 7 is a compilation of the causes of deaths returned as having occurred in Michigan in 1876, by classes, by months. This exhibit is graphically represented in Diagram No. 4, on page 164. Diagram No. 4 may

be profitably studied in connection with Diagram No. 3, on a preceding page, in order to learn the classes of causes which contribute to the rise of the line for the total deaths in any month.

DEATHS, 1876, GROUPED BY PART OF BODY DISEASED.

Exhibit 8 groups together certain diseases, for each of the years 1873–1876. Of the five groups, lung diseases caused the most deaths in each year, 1869 to 1876, and in each year except 1869, 1870, and 1874, the group of heart diseases shows the least number of deaths of either of the five groups in the exhibit. In 1876, 21.89 per cent of all the deaths were caused by the group of lung diseases.

EXHIBIT 8.—*Order of Succession of Five Groups of Causes of Deaths Returned as having Occurred in Michigan for each of the Years 1873 to 1876, inclusive,—Number of Deaths from each Group of Causes, and Per Cent of Deaths from each Group of Causes to the Deaths from All Causes.*

Order.	1873.			1874.			1875.			1876.		
	Diseases of	Per Ct. of All Caus's	Number.	Diseases of	Per Ct. of All Caus's	Number.	Diseases of	Per Ct. of All Caus's	Number.	Diseases of	Per Ct. of All Caus's	Number.
----	All Dis....	100.00	14,286	All Dis....	100.00	12,500	All Dis.....	100.00	11,900	All Dis..	100.00	12,576
1	Lungs.....	17.61	2,511	Lungs.....	20.84	2,605	Lungs.....	22.69	2,720	Lungs...	21.89	2,753
2	Brain.....	16.38	2,336	Bowels....	15.26	1,907	Bowels....	12.69	1,521	Bowels..	12.98	1,633
3	Bowels....	14.89	2,121	Brain.....	11.60	1,450	Brain.....	11.16	1,338	Brain ...	12.21	1,549
4	Throat....	3.04	434	Heart.....	3.36	420	Throat....	3.39	406	Throat..	4.30	541
5	Heart.....	2.82	402	Throat....	3.16	395	Heart.....	3.26	391	Heart ...	3.23	405
1-5	5 Groups..	54.74	7,804	5 Groups..	54.22	6,777	5 Groups..	53.19	6,376	5 Groups	54.72	6,881

DIAGRAM No. 5.

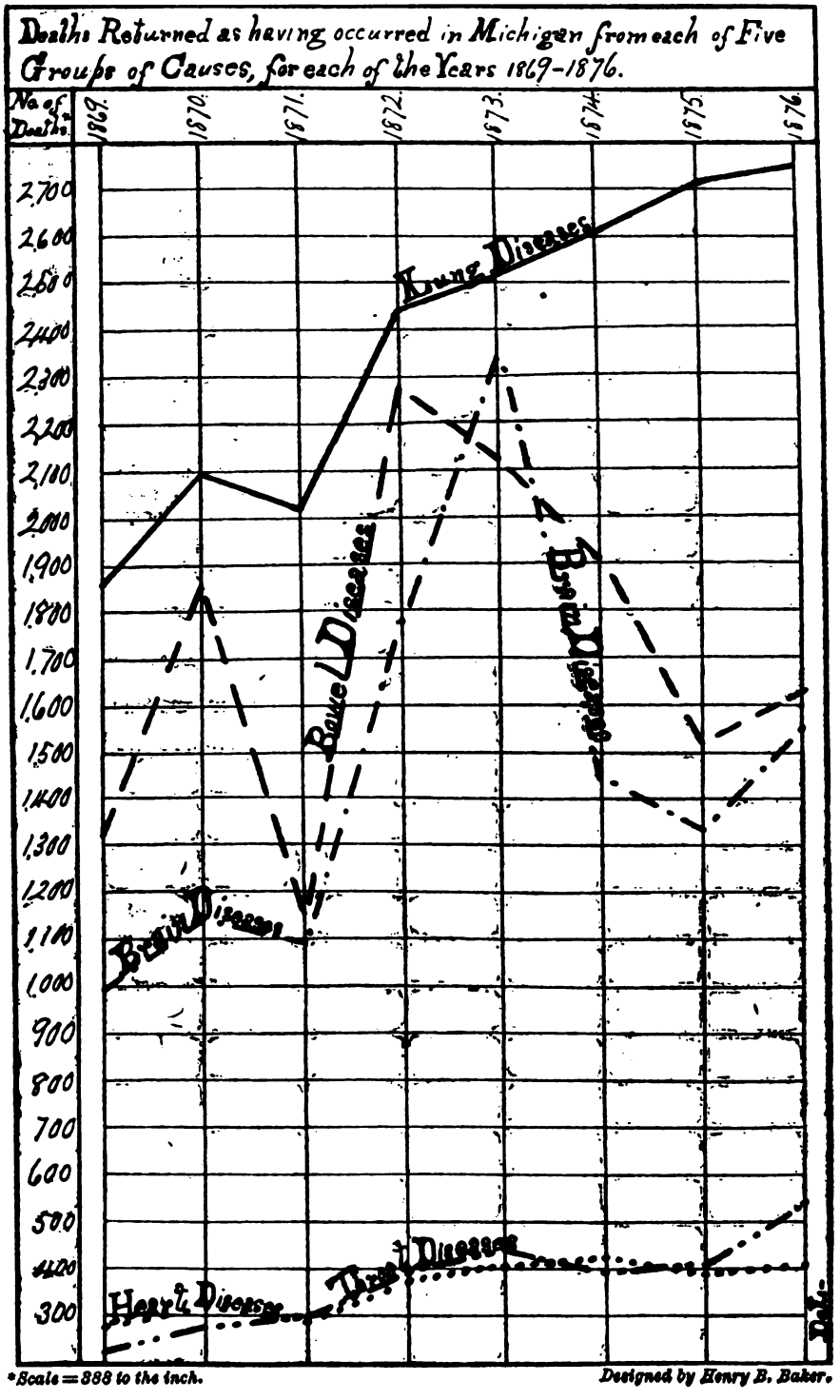

Deaths Returned as having occurred in Michigan from each of Five Groups of Causes, for each of the Years 1869-1876.
No. of Deaths.
1869.
1870.
1871.
1872.
1873.
1874.
1875.
1876.
2,700
2,600
2,500
2,400
2,300
2,200
2,100
2,000
1,900
1,800
1,700
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
Lung Diseases
Bowel Diseases
Brain Diseases
Heart Diseases
Zymotic Diseases
Deaths.
*Scale = 888 to the inch.
Designed by Henry B. Baker.

EXHIBIT J.—*Eleven Geographical Divisions of the State, Formed for the Purpose of Facilitating the Study of Causes of Deaths, with a List of Counties included in each Division.*

Upper Peninsular.	North-western.	Northern.	North-eastern.	Western.	Northern-Central.	Bay and Eastern.	Central.	South-western.	Southern-Central.	South-Eastern.
Baraga.	Benzie.	Antrim.[f]	Alcona.	Kent.	Clare.[m]	Bay.[p]	Barry.	Allegan.	Branch.	Macomb.
Chippewa.[a]	Gr. Traverse.	Charlevoix.	Alpena.	Lake.	Gladwin.	Huron.	Clinton.	Berrien.	Calhoun.	Monroe.[u]
Delta.[b]	Leelanaw.	Cheboygan.[g]	Iosco.[i]	Mason.	Isabella.[n]	Lapeer.	Eaton.	Cass.	Hillsdale.[t]	Oakland.[v]
Houghton.	Manistee.	Emmet.	Ogemaw.[j]	Muskegon.	Mecosta.[o]	Saginaw.	Genesee.[q]	Van Buren.	Jackson.	Wayne.
Isle Royal.	Manitou.[d]	Kalkaska.	Presque Isle.[k]	Newaygo.[l]	Midland.	Sanilac.	Gratiot.		Kalamazoo.	
Keweenaw	Missaukee.	Otsego.[h]		Oceana.	Roscommon.[e]	St. Clair.	Ingham.		Lenawee.	
Mackinac.	Wexford.[c]			Osceola.		Tuscola.	Ionia.[r]		St. Joseph.	
Marquette.				Ottawa.			Livingston.		Washtenaw.	
Menominee.							Montcalm.[s]			
Ontonagon.							Shiawassee.			
Schoolcraft.[e]										

No returns of deaths from the following townships:

[a] Detour, Sugar Island. [b] Fairbanks. [c] No returns from the county. [d] Gallico, Peaine, South Manitou. [e] Cadillac City, 1st Ward. [f] Kearney. [g] Nunda. [h] Charlton, Kimira, Corwith, Hayes. [i] Thompson. [j] Edwards. [k] Presque Isle. [l] Beaver, Big Prairie, Bridgeton, Brooks, Monroe. [m] Summerfield. [n] Broomfield, Deerfield. [o] Green. [p] Merritt. [q] Argentine. [r] North Plains. [s] Reynolds. [t] Scipio. [u] Berlin. [v] Holly.

DEATHS, 1876, BY CLASSES OF CAUSES, BY DIVISIONS OF THE STATE.

Table XV. shows the per cent of deaths from each class of causes to deaths from all causes, by geographical divisions of the State. The largest per cent of deaths from Zymotic class was 27.31, in the central and in the southwestern divisions; the largest per cent from Constitutional diseases was 23.53, in the northern-central division; the largest per cent from Local diseases was 34.28, in the southwestern division; the largest per cent from Developmental diseases was 17.59, in the northeastern division; the largest per cent from Violent deaths was 12.59, in the Upper Peninsular division; the largest per cent from the unknown and unclassified causes was 27.70, in the northern division. In the southeastern division of the State, nearly one-quarter (23.58 per cent) of all the deaths occurred, according to Table XV., which is according to the returns. The diseases included in each class may be found in Table XVI., following, and any specified disease may be studied by counties in the same table, and by months of the year, and by sex, and age of decedents, etc., in Table XVII.

Further on the most important causes of deaths are studied separately, and in their relations to meteorological conditions.

TABLE XV.—*Exhibiting, for the State and each of Eleven Geographical Divisions of the State, the Number of Deaths, the Per Cent of Deaths in 1876 to Population in 1874, and the Per Cent of Deaths for each Division to Total Deaths for the State during the Year 1876; also the Per Cent of Deaths from each Class of Causes to Deaths from All Causes.*

STATE AND GEOGRAPHICAL DIVISIONS.	Population in 1874 Represented by Deaths in 1876.	Deaths Reported, 1876.		Per Cent of All Deaths in 1876 to Population in 1874.	Per Cent of Deaths from Each Class of Causes to Deaths from All Causes, by Geographical Divisions.					
		Number.	Per Ct. of Total.		Class I. Zymotic Diseases.	Class II. Constitutional Diseases.	Cl'ss III. Local Diseases.	Cl'ss IV. Developmental Diseases.	Class V. Violent Deaths.	Unk. and Unclassified.
STATE	1,316,986	12,576	100.00	.95	24.60	18.67	29.00	11.59	5.94	10.19
Upper-Peninsular	59,605	675	5.37	1.13	17.48	13.63	20.89	13.19	12.59	22.22
Northwestern	25,284	216	1.72	.85	19.44	15.74	24.54	13.89	8.80	17.59
Northern	11,201	148	1.17	1.32	12.84	19.59	18.92	10.81	10.14	27.70
Northeastern	11,643	108	.86	.93	18.52	18.52	22.22	17.59	6.48	16.67
Western	140,169	1,286	10.23	.92	26.83	17.19	24.49	14.15	5.52	11.82
Northern-Central	20,747	187	1.49	.90	24.06	23.53	22.46	7.49	9.09	13.37
Bay and Eastern	184,007	1,620	12.88	.88	22.53	16.79	27.59	13.33	6.67	13.09
Central	237,448	1,948	15.49	.82	27.31	19.66	23.29	10.52	6.11	8.11
Southwestern	117,091	1,091	8.67	.93	27.31	16.68	34.28	8.62	5.50	7.61
Southern-Central	272,923	2,331	18.54	.85	24.71	19.99	32.52	10.72	5.28	6.78
Southeastern	236,868	2,966	23.58	1.25	24.75	20.40	30.82	11.56	4.15	8.33

TABLE XVI.—CAUSES OF DEATH.—Nosological Arrangement.

Exhibiting the Number of Reported Deaths in Michigan, and in each County of the State, during the Year 1876 from Specified Causes, Statistically Classified (Still-births Included).

CAUSES OF DEATH,—1876.	State.	Counties.—1876.																							
		Alcona.	Allegan.	Alpena.	Antrim.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	Gr. Traverse.	Gratiot.
All Causes	12,576	8	311	43	19	27	196	257	26	335	309	238	189	33	14	31	16	187	38	236	65	255	1	45	89
Specified Causes	11,347	7	283	35	16	19	187	227	25	315	292	223	178	29	12	21	16	174	34	226	39	227	1	38	71
Causes not Specified	1,229	1	28	8	3	8	9	30	1	20	17	15	11	4	2	10	....	13	4	10	26	28	....	7	18
CLASSES.																									
I.—Zymotic Diseases	3,094	1	90	2	2	5	60	69	3	105	90	60	54	5	2	4	4	81	8	59	9	67	....	3	18
II.—Constitutional Diseases	2,348	2	42	8	6	6	32	32	7	55	60	48	35	8	2	10	4	37	8	44	12	50	....	7	14
III.—Local Diseases	3,647	1	89	13	4	3	55	70	8	117	97	81	65	12	....	6	2	30	9	79	8	66	1	15	20
IV.—Developmental Diseases	1,458	2	35	9	4	2	24	33	6	26	23	21	15	1	3	1	3	14	4	27	6	24	....	7	15
V.—Violent Deaths	747	1	25	2	....	3	15	23	1	12	22	11	9	3	5	...1	1	11	5	17	4	17	....	4	4
Unclassified	53	....	2	1	....	....	1	....	....	....	....	2	....	....	....	....	2	1	....	....	....	3	....	2	....
ORDERS.																									
I.—1. Miasmatic Diseases	3,056	1	90	2	2	5	59	68	3	105	89	60	53	5	2	4	4	80	8	59	8	67	....	3	18
2. Enthetic Diseases	10	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Dietic Diseases	16	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
4. Parasitic Diseases	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....
II.—1. Diathetic Diseases	681	....	11	5	3	....	9	15	4	11	14	12	10	1	1	....	1	13	....	13	2	17	....	2	6

2. Tubercular Diseases	1,667	2	31	3	3	6	23	17	3	44	46	36	25	7	1	10	3	24	8	31	10	33	....	5	8
III.—1. Diseases of Nervous System	1,445	....	23	8	3	1	21	27	4	47	34	35	24	3	..	3	2	6	2	32	3	28	....	5	9
2. Diseases of Organs of Circulation	396	....	8	1	....	....	8	5	....	12	11	9	6	....	..	1	....	6	..	11	1	5	....	2	....
3. Diseases of Respiratory Organs	987	1	44	2	1	....	9	20	1	42	29	22	19	4	..	1	....	8	4	18	2	15	1	4	2
4. Diseases of Digestive Organs	586	....	10	2	....	2	9	15	....	14	19	9	12	5	..	1	....	8	1	11	2	11	....	4	6
5. Diseases of Urinary Organs	146	....	3	..	....	....	4	2	1	2	3	5	4	....	..	....	....	1	..	5	....	4	....	....	2
6. Diseases of Generative Organs	14	....	....	..	....	....	1	....	....	....	..	..	..	....	..	....	....	....	..	2	....	1	....	....	1
7. Diseases of Organs of Locomotion	10	....	....	..	....	....	....	....	....	....	..	..	..	....	..	....	....	....	..	....	....	..	....	....	....
8. Diseases of Integumentary System	63	....	1	..	....	....	3	1	2	....	1	1	..	....	..	....	....	1	2	....	....	2	....	....	....
IV.—1. Developmental Diseases of Children	804	1	15	8	4	....	14	24	3	15	13	8	10	....	1	1	3	9	2	12	5	5	....	4	10
2. Developmental Diseases of Women	171	1	5	1	....	1	3	5	1	1	1	3	3	1	..	....	....	2	.	5	....	4	....	2	2
3. Developmental Dis. of Old People	483	....	15	..	....	1	7	4	2	10	9	10	2	....	2	....	....	3	2	10	1	15	....	1	3
4. Diseases of Nutrition	.....	....	....	..	....	....	....	....	....	....	..	..	..	....	..	....	....	....	..	....	....	..	....	....	....
V.—1. Accident or Negligence	459	....	17	..	....	2	7	16	1	6	17	4	2	3	4	....	1	4	2	10	3	10	....	4	2
2. Battle	.....	....	....	..	....	....	....	....	....	....	..	..	..	....	..	....	....	....	..	....	....	..	....	....	....
3. Homicide	12	....	1	..	....	....	....	1	....	1	1	..	..	....	..	....	....	....	..	....	....	..	....	....	....
4. Suicide	54	....	2	..	....	....	1	....	....	....	2	2	2	....	..	....	....	2	1	2	....	3	....	....	....
5. Execution	.....	....	....	..	....	....	....	....	....	....	..	..	..	....	..	....	....	....	..	....	....	..	....	....	....
6. Violent Deaths	222	1	5	2	....	1	7	6	....	5	2	5	5	....	1	....	....	5	2	5	1	4	....	....	2
CLASS I.—ZYMOTIC	3,094	1	90	2	2	5	60	69	3	105	90	60	54	5	2	4	4	81	8	59	9	67	....	3	18
I.—ORDER 1. Miasmatic	3,056	1	90	2	2	5	59	68	3	105	89	60	53	5	2	4	4	80	8	59	8	67	....	3	18
1. Small-pox	78	....	....	..	....	....	....	....	....	1	3	..	2	....	..	....	....	....	..	....	....	..	....	....	....
2. Measles	118	....	6	..	....	....	4	3	....	4	1	2	1	2	2	....	....	10	..	....	3	..	....	....	....
3. Scarlatina	399	....	31	..	....	....	2	4	1	17	9	18	3	....	..	....	....	33	..	3	....	16	....	1	2

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	STATE.	COUNTIES.—1876.																						
		Alcona.	Allegan.	Alpena.	Antrim.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	Gr. Traverse.	Gratiot.
4. Diphtheria	311	....	4	....	....	....	15	13	....	5	25	15	6	....	....	....	....	5	1	23	....	3	....	1	1
5. Quinsy	10	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
6. Croup	178	....	3	....	2	....	11	6	....	7	2	1	2	....	....	....	....	1	....	4	....	3	....	....	1
7. Whooping-cough	181	....	3	....	....	....	1	1	1	2	10	1	7	....	....	1	....	3	....	2	....	7	....	....	3
8. Continued Fever	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Typhoid Fever	432	1	14	1	....	1	10	6	....	13	13	5	9	....	....	....	1	7	2	12	2	11	....	1	3
8. Typhus Fever	21	....	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
8. Typho-malarial Fever	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Erysipelas	92	....	4	....	....	....	1	1	....	3	2	1	7	1	....	....	....	4	....	1	....	3	....	....	1
10. Puerperal Fever	29	....	....	....	....	....	1	....	....	....	....	1	1	1	....	....	....	2	....	....	....	....	....	....	1
11. Carbuncle	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Influenza	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Dysentery	190	....	6	....	....	....	2	4	....	23	2	2	2	....	....	....	....	1	1	3	....	6	....	....	....
14. Diarrhea	311	....	2	1	....	....	2	7	....	6	3	3	2	1	....	3	1	2	2	1	....	1	....	....	....
15. Cholera Infantum	331	....	7	....	....	4	4	4	1	10	11	5	5	....	....	....	1	7	2	7	2	11	....	....	3
16. Cholera Morbus	27	....	4	....	....	....	1	2	....	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
16. Cholera	12	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Ague	102	....	....	....	....	....	1	4	....	5	4	3	2	....	....	....	....	....	....	1	....	2	....	....	1
18. Remittent Fever	168	....	3	....	....	....	3	9	....	3	2	1	2	....	....	....	1	2	....	2	....	1	....	....	2
19. Rheumatism	63	....	....	....	....	....	....	2	....	4	1	1	1	....	....	....	....	3	....	....	1	2	....	....	....

I.—Order 2. Enthetic	10							1				1																		
1. Syphilis	10							1				1																		
2. Stricture of Urethra																														
2. Stricture																														
3. Hydrophobia																														
4. Glanders																														
I.—Order 3. Dietic	16					1							1																	
1. Privation																														
2. Purpura	1																													
2. Rachitis																														
2. Scurvy	1																													
3. Delirium Tremens (Alcoholism)	6												1																	
4. Intemperance	8					1																								
I.—Order 4. Parasitic	12																		1			1								
1. Thrush	5																													
2. Worms	7																		1			1								
3. Disease of Scalp																														
Class II.—Constitutional	2,348	2	42	8	6	6	32	32	7	55	60	48	35	8	2	10	4	37	8	44	12	50	7	14						
II.—Order 1. Diathetic	681		11	5	3		9	15	4	11	14	12	10	1	1		1	13		13	2	17	2	6						
1. Gout																														
2. Anæmia	160		2				2	5			5		1					2		4		2	1	1						
2. Dropsy	227		3		2		3	2	2	4	4	6	4		1			6		5	1	8	1	1						
3. Cancer	242		2				4	5	1	6	5	3	4					4		3		7		2						
4. Noma (Canker)	38		4	5	1			3	1	1		2		1			1				1			2						
5. Mortification	14											1	1					1		1										

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	STATE.	COUNTIES.—1876.																							
		Alcona.	Allegan.	Alpena.	Antrim.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	Gr. Traverse.	Gratiot.
I.—ORDER 2. Tubercular	1,667	2	31	3	3	6	23	17	3	44	46	36	25	7	1	10	3	24	8	31	10	33	....	5	
1. Scrofula	26	....	2	....	....	....	1	....	....	....	1	1	1	....	....	....	....	1	....	1	....	....	....	....	....
2. Consumption of Bowels	22	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
3. Phthisis (Con. of Lungs)	1,605	2	29	3	3	6	21	17	3	43	45	35	24	7	1	10	3	23	8	29	10	33	....	5	7
4. Hydrocephalus	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
5. Marasmus	8	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CLASS III.—LOCAL DISEASES	3,647	1	89	13	4	3	55	70	8	117	97	81	65	12	....	6	2	30	9	79	8	66	1	15	20
III.—ORDER 1. Nervous System	1,445	....	23	8	3	1	21	27	4	47	34	35	24	3	....	3	2	6	2	32	3	28	....	5	9
1. Cephalitis	276	....	11	4	....	1	5	8	....	11	6	1	5	1	....	....	....	....	2	2	....	2	....	....	1
2. Apoplexy	111	....	....	....	....	....	....	1	....	....	3	2	3	....	....	....	....	1	....	3	....	2	....	....	1
3. Paralysis	236	....	3	1	....	....	2	3	3	12	8	15	4	....	....	....	....	2	....	7	....	8	....	1	1
4. Insanity	28	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Chorea	3	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Epilepsy	30	....	1	2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	3	....	1	....	....	....
7. Tetanus	3	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
8. Convulsions	275	....	....	....	....	....	....	9	....	5	2	3	1	2	....	....	1	....	....	2	....	4	....	2	....
9. Brain Diseases	218	....	2	....	....	....	4	2	....	8	8	5	4	....	....	....	....	1	....	6	2	7	....	....	4
9. Dropsy of Brain	63	....	3	....	....	....	2	....	....	2	1	1	....	....	....	3	....	....	....	....	1	....	....	....	....
10. Spinal Fever	73	....	1	....	....	....	1	1	....	5	3	3	3	....	....	....	....	....	....	4	....	2	....	1	1
11. Spotted Fever	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

12. Meningitis	5	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
13. Men., Cerebro-spinal	14	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	1	..	1	....	1	....	....	....	....
14. Meningitis, Spinal	30	....	1	....	2	....	4	1	....	..	..	3	1	..	....	....	....	....	....	1	..	....	....	....	....	....	....	....
15. Neuralgia	4	....	..	....	....	....	....	....	....	1	..	....	....	..	....	....	....	....	....	..	..	1	....	....	....	....	....	....
16. Spine Disease	73	....	..	1	1	....	2	2	....	1	2	2	1	..	....	....	1	2	....	3	..	....	....	....	....	....	....	1
17. Spine, Inflam. of	2	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
18. Frightened	....	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
III.—Order 2. Organs of Circulation	396	....	8	1	....	....	8	5	....	12	11	9	6	..	....	1	....	6	....	11	1	5	....	2	....	....	....	....
1. Pericarditis	54	....	1	....	....	....	2	....	....	..	2	2	2	..	....	....	....	4	....	..	..	1	....	....	....	....	....	....
2. Aneurism	2	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
3. Heart Disease	340	....	7	1	....	....	6	5	....	12	9	7	4	..	....	1	....	2	....	11	1	4	....	2	....	....	....	....
4. Emboli	....	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
III.—Order 3. Respiratory Organs	987	1	44	2	1	....	9	20	1	42	29	22	19	4	....	1	....	8	4	18	2	15	1	4	2	....	....	....
1. Epistaxis	3	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
2. Laryngitis	4	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	1
3. Bronchitis	43	....	..	....	....	....	....	2	....	3	..	....	....	..	....	....	....	....	....	..	..	2	....	....	....	....	....	....
4. Pleurisy	26	....	1	....	....	....	....	....	....	2	1	2	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
5. Pneumonia	675	1	34	2	1	....	4	16	1	27	23	14	14	3	....	1	....	7	4	13	2	8	1	3	1	....	....	....
6. Asthma	23	....	1	....	....	....	....	....	....	..	..	....	1	..	....	....	....	....	....	1	..	1	....	....	....	....	....	....
7. Lung Disease	201	....	8	....	....	....	4	2	....	10	4	6	4	1	....	....	....	1	....	4	..	4	....	1	....	....	....	....
8. Catarrh	12	....	..	....	....	....	1	....	....	..	1	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....
III.—Order 4. Digestive Organs	586	....	10	2	....	2	9	15	....	14	19	9	12	5	....	1	....	8	1	11	2	11	....	4	6	....	....	....
1. Gastritis	70	....	..	....	....	....	2	5	....	3	2	....	5	4	....	....	....	1	....	..	..	1	....	....	....	....	....	....
2. Enteritis	242	....	7	1	....	1	5	8	....	6	7	2	5	..	....	1	....	5	1	3	..	3	....	4	4	....	....	....
3. Peritonitis	11	....	..	....	....	....	....	....	....	..	..	....	....	..	....	....	....	....	....	..	..	....	....	....	....	....	....	....

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	STATE.	COUNTIES.—1876.																										
		Alcona.	Allegan.	Alpena.	Antrim.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	Gr. Traverse.	Gratiot.			
4. Ascites	5	....	....	.	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....		....			
5. Ulceration of Intestines	4	....	....	.	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
6. Hernia	16	....	....	.	....	....	....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	1	....		....			
7. Obstruction of Bowels	2	....	....	.	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....		....			
8. Intussusception	2	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
9. Stricture of Intestines	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
10. Fistula	1	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
11. Stomach Diseases	74	....	1	.	....	1	2	....	....	1	6	....	2	....	....	....	....	1	....	1	....	3	....		2			
12. Pancreas Diseases	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
13. Hepatitis	7	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
14. Jaundice	24	....	....	.	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....		....			
15. Liver Diseases	91	....	1	1	....	....	....	2	....	....	1	2	....	1	....	....	....	1	....	6	....	1	....		....			
16. Spleen Diseases	1	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
17. Bowel Diseases, etc.	36	....	1	.	....	....	....	....	....	2	1	1	....	....	....	....	....	....	....	1	1	2	....		....			
18. Mouth Disease	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
III.—ORDER 5. Urinary Organs	146	....	3	.	....	....	4	2	1	2	3	5	4	....	....	....	....	1	....	5	....	4	....		2			
1. Nephritis	10	....	....	.	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....		....			
2. Ischuria	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....			
3. Bright's Disease of Kidneys	20	....	....	.	....	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....		....			
4. Diabetes	19	....	....	.	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	1	....	2	....		1			

5. Calculus (Gravel, etc.)	34	----	2	----	----	----	2	----	----	1	1	----	1	----	----	----	----	1	----	1	----	--	----	----	1
6. Cystitis	9	----	----	----	----	----	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	--	----	----	----
7. Kidney Diseases	54	----	1	----	----	----	1	1	1	----	2	1	1	----	----	----	----	----	----	3	----	2	----	----	----
III.—Order 6. Generative Organs	14	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	1
1. Ovarian Dropsy	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
1. Ovarian Tumor	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
2. Diseases of Uterus	11	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	1
III.—Order 7. Organs of Locomotion	10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
1. Arthritis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
2. Joint Diseases	10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
III.—Order 8. Integumentary System	63	----	1	----	----	----	3	1	2	----	1	1	----	----	----	----	----	1	2	----	----	2	----	----	----
1. Phlegmon	26	----	----	----	----	----	2	----	2	----	--	1	----	----	----	----	----	----	1	----	----	1	----	----	----
2. Ulcer	4	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	--	----	----	----
3. Skin Diseases	33	----	1	----	----	----	1	1	----	----	1	----	----	----	----	----	----	1	1	----	----	1	----	----	----
Class IV.—Developmental Diseases	1,458	2	35	9	4	2	24	33	6	26	23	21	15	1	3	1	3	14	4	27	6	24	----	7	15
IV.—Order 1. Dev. Diseases of Children	804	1	15	8	4	----	14	24	3	15	13	8	10	----	1	1	3	9	2	12	5	5	----	4	10
1. Still-born	646	----	14	7	4	----	12	20	3	15	10	7	9	----	1	1	3	6	----	5	4	2	----	3	10
2. Infantile	36	----	----	----	----	----	1	1	----	----	2	--	----	----	----	----	----	3	----	1	----	1	----	1	----
2. Premature Birth	34	----	----	1	----	----	----	----	----	----	1	--	1	----	----	----	----	----	2	3	1	--	----	----	----
3. Cyanosis	2	----	----	----	----	----	1	----	----	----	--	--	----	----	----	----	----	----	----	----	----	--	----	----	----
4. Spina Bifida	----	----	----	----	----	----	----	----	----	----	--	--	----	----	----	----	----	----	----	----	----	--	----	----	----
5. Other Malformations	9	----	----	----	----	----	----	----	----	----	--	--	----	----	----	----	----	----	----	3	----	--	----	----	----
6. Teething	77	1	1	----	----	----	----	3	----	----	--	1	----	----	----	----	----	----	----	----	----	2	----	----	----
7. Injury at Birth	----	----	----	----	----	----	----	----	----	----	--	--	----	----	----	----	----	----	----	----	----	--	----	----	----
IV.—Order 2. Dev. Diseases of Women	171	1	5	1	----	1	3	5	1	1	1	3	3	1	----	----	----	2	----	5	----	4	----	2	2

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	STATE.	COUNTIES.—1876.																							
		Alcona.	Allegan.	Alpena.	Antrim.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	Gr. Traverse.	Gratiot.
1 { Dysmenorrhea	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 { Turn of Life	4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2 { Childbirth	154	1	3	1	----	1	3	5	1	1	1	3	3	----	----	----	----	2	----	5	----	4	----	1	2
2 { Abortion	7	----	2	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----
2 { Uterine Hemorrhage	6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
IV.—ORDER 3. Dev. Diseases of Old People	483	----	15	----	----	1	7	4	2	10	9	10	2	----	2	----	----	3	2	10	1	15	----	1	3
1. Old Age	483	----	15	----	----	1	7	4	2	10	9	10	2	----	2	----	----	3	2	10	1	15	----	1	3
IV.—ORDER 4. Diseases of Nutrition	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Atrophy and Debility	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CLASS V.—VIOLENT DEATHS	747	1	25	2	----	3	15	23	1	12	22	11	9	3	5	----	1	11	5	17	4	17	----	4	4
V.—ORDER 1. Accident or Negligence	459	----	17	----	----	2	7	16	1	6	17	4	2	3	4	----	1	4	2	10	3	10	----	4	2
1. Fractures and Contusions	49	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Wounds	28	----	1	----	----	----	1	1	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----
3. Burns and Scalds	66	----	----	----	----	1	----	1	----	1	----	----	1	1	----	----	----	----	----	4	----	3	----	----	1
4. Poison	25	----	----	----	----	----	1	2	----	----	----	1	----	----	----	----	----	----	----	1	1	1	----	----	----
5. Drowning	177	----	8	----	----	----	4	6	----	3	10	2	----	1	4	----	1	1	2	1	----	1	----	3	----
6. Suffocation	29	----	5	----	----	----	----	1	1	1	----	----	----	----	----	----	----	1	----	2	----	----	----	1	----
7. Otherwise	85	----	3	----	----	1	1	5	----	1	6	1	1	1	----	----	----	1	----	2	1	5	----	----	1

V.—ORDER 2. In Battle	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
V.—ORDER 3. Homicide	12	----	1	----	----	----	----	1	----	1	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Murder	9	----	----	----	----	----	----	1	----	1	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
V.—ORDER 4. Suicide	54	----	2	----	----	----	1	----	----	----	2	2	2	----	----	----	----	2	1	2	----	3	----	----	----	----
1. Wounds	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Poison	19	----	1	----	----	----	----	----	----	----	2	----	1	----	----	----	----	1	----	1	----	1	----	----	----	----
3. Drowning	6	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----
4. Hanging	7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
5. Otherwise and not Specified	22	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----	----	1	1	----	----	1	----	----	----	----
V.—ORDER 5. Execution	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Hanging	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
V.—ORDER 6. Violent Deaths not Included above	222	1	5	2	----	1	7	6	----	5	2	5	5	----	1	----	----	5	2	5	1	4	----	----	2	
UNCLASSIFIED	53	----	2	1	----	----	1	----	----	----	----	2	----	----	----	----	2	1	----	----	----	3	----	2	----	
1. Fever, Inflammatory	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Hemorrhage	14	----	1	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	
3. Inflammation	28	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	----	3	----	----	----	
4. Obesity	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5. Otherwise	8	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	
Cause not Specified	1,229	1	28	8	3	8	9	30	1	20	17	15	11	4	2	10	----	13	4	10	26	28	----	7	18	

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																									
	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Isle Royal.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.
All Causes	213	183	82	255	231	40	84	5	331	324	13	612	74	13	173	40	395	158	23	260	74	3	250	63	46	20
Specified Causes	202	119	64	243	215	35	71	5	305	299	7	558	71	12	155	30	371	147	20	248	65	2	196	56	41	17
Causes not Specified	11	64	18	12	16	5	13	....	26	25	6	54	3	1	18	10	24	11	3	12	9	1	54	7	5	3
CLASSES.																										
I.—Zymotic Diseases	60	27	11	66	53	11	26	....	81	60	1	176	12	1	36	9	104	33	1	51	20	....	48	21	4	9
II.—Constitutional Diseases	46	22	17	40	54	8	15	....	54	66	1	121	6	2	31	5	87	39	6	65	12	....	29	12	19	1
III.—Local Diseases	64	30	13	89	73	6	15	1	104	122	3	156	28	1	58	12	123	56	4	93	11	2	51	10	12	....
IV.—Developmental Diseases	22	25	17	29	28	7	5	....	46	34	2	76	17	6	24	4	37	13	1	29	10	....	35	7	2	1
V.—Violent Deaths	9	15	6	18	6	2	6	4	19	16	....	26	8	2	5	....	19	5	8	10	11	....	33	5	4	6
Unclassified	1	....	....	1	1	1	4	....	1	1	....	3	....	....	1	....	1	1	....	....	1	....	....	1	....	....
ORDERS.																										
I.—1. Miasmatic Diseases	59	26	10	66	53	11	26	....	79	59	1	175	12	1	36	9	104	33	1	51	20	....	48	21	3	9
2. Enthetic Diseases	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Dietic Diseases	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
4. Parasitic Diseases	....	1	1	....	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
II.—1. Diathetic Diseases	10	14	8	12	13	3	1	....	11	17	....	36	3	1	9	1	21	12	1	22	3	....	5	5	12	....
2. Tubercular Diseases	36	8	9	28	41	5	14	....	43	49	1	85	3	1	22	4	66	27	5	43	9	....	24	7	7	1

III.—1. Diseases of Nervous System	24	14	4	31	30	....	9	....	35	68	2	64	11	1	21	4	51	23	2	37	5	15	7	8	....
2. Diseases of Organs of Circulation	8	1	1	8	11	....	..	....	12	11	....	20	..	..	4	....	11	4	1	17	2	5	2	.	....
3. Diseases of Respiratory Organs	11	12	2	29	11	2	4	1	25	28	....	35	9	..	17	4	26	12	1	16	3	20	1	1	....
4. Diseases of Digestive Organs	16	1	5	13	13	4	2	....	25	8	....	27	5	..	13	3	24	10	....	14	.	10	.	3	....
5. Diseases of Urinary Organs	1	1	..	5	6	....	..	....	4	5	1	5	1	..	2	1	7	3	....	8	1	..	.	.	....
6. Diseases of Generative Organs	....	..	..	1	....	....	..	....	....		....	....	2	..	....	....	..	..	....	..	.	..	.	.	....
7. Diseases of Organs of Locomotion	1	1	..	....	....	....	..	....	....		....	....	..	..	....	....	1	1	....	..	.	1	.	.	....
8. Dis. of Integumentary System	3	..	1	2	2	....	..	....	3		....	5	..	..	1	....	3	3	....	1	.	..	.	.	....
IV.—1. Developmental Dis. of Children	10	23	13	8	11	5	3	....	24	14	2	42	13	3	9	2	14	8	....	14	7	23	4	2	....
2. Developmental Dis. of Women	4	2	1	5	5	....	1	....	3	5	....	7	3	1	5	1	5	1	....	3	1	3	.	.	....
3. Developmental Dis. of Old People	8	..	3	16	12	2	1	....	19	15	....	27	1	2	10	1	18	4	1	12	2	9	3	.	1
4. Diseases of Nutrition	....	..	..	....	....	....	..	....	....		....	....	..	..	....	....	..	..	....	..		..	.	.	....
V.—1. Accident or Negligence	6	6	5	10	3	2	5	4	13	14	....	21	6	2	2	....	12	2	....	7	7	12	3	2	4
2. Battle	....	..	..	....	....	....	..	....	....		....	....	..	..	....	....	..	..	....	..	.	..	.	.	....
3. Homicide	1	..	..	....	....	....	..	....	....		....	....	..	..	....	....	1	..	....	..	.	..	.	.	1
4. Suicide	....	..	..	1	....	....	1	....	....		....	1	..	..	1	....	..	..	....	1	2	..	.	2	....
5. Execution	....	..	..	....	....	....	..	....	....		....	....	..	..	....	....	..	..	....	..	.	..	.	.	....
6. Violent Deaths	2	9	1	7	3	....	..	....	6		....	4	2	..	2	....	6	3	8	2	2	21	2	.	1
CLASS I.—ZYMOTIC	60	27	11	66	53	11	26	....	81	60	1	176	12	1	36	9	104	33	1	51	20	48	21	4	9
I.—ORDER 1. Miasmatic	59	26	10	66	53	11	26	....	79	59	1	175	12	1	36	9	104	33	1	51	20	48	21	3	9
1. Small-pox	....	..	..	....	....	....	..	....	2		....	....	..	..	....	....	..	..	....	2	.	..	.	.	....
2. Measles	....	4	..	1	2	....	..	....	6	7	....	5	1	..	....	....	4	1	....	1	1	..	.	.	....
3. Scarlatina	14	2	..	16	2	....	8	....	6	11	....	6	4	..	....	....	10	5	....	7	.	1	9	1	....
4. Diphtheria	12	..	..	3	2	6	..	....	5	13	....	18	..	..	....	....	9	..	....	2	.	2	.	.	....
5. Quinsy	....	..	..	....	....	....	..	....	....		....	2	..	..	....	....	..	..	....	1	.	..	.	.	....
6. Croup	3	3	1	3	2	....	..	....	1		....	20	..	..	....	....	10	..	....	4	.	6	2	1	1

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																								
	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Isle Royal.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.
7. Whooping-cough	----	----	4	2	3	1	----	----	6	1	----	11	----	----	7	----	8	2	----	----	----	----	1	----	----	----
8. Continued Fever	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8. Typhoid Fever	10	6	2	18	15	3	5	----	9	4	----	22	4	----	3	1	16	7	1	4	----	----	11	----	1	----
8. Typhus Fever	1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8. Typho-malarial Fever	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9. Erysipelas	2	----	----	3	3	----	----	----	1	4	----	5	----	----	1	1	4	2	----	5	----	----	----	----	----	----
10. Puerperal Fever	----	----	----	3	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	2	----	----	----	----	----	----
11. Carbuncle	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
12. Influenza	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13. Dysentery	2	1	----	1	7	----	2	----	3	2	1	11	1	----	12	3	6	4	----	2	2	----	2	3	----	3
14. Diarrhea	----	1	2	----	3	1	----	----	4	3	----	27	1	----	2	2	4	1	----	10	11	----	8	3	----	5
15. Cholera Infantum	6	----	----	8	7	----	5	----	23	4	----	26	----	1	7	----	27	6	----	6	4	----	----	2	----	----
16. Cholera Morbus	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	----	1	----	----	----	----	----
16. Cholera	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----
17. Ague	1	----	1	1	2	----	2	----	3	4	----	9	----	----	3	1	2	1	----	----	----	----	----	----	----	----
18. Remittent Fever	5	4	----	2	3	----	4	----	7	2	----	9	----	----	----	----	2	----	----	3	1	----	17	1	----	----
19. Rheumatism	3	2	----	2	1	----	----	----	3	3	----	3	1	----	----	----	----	2	----	2	----	----	----	----	----	----
I.—ORDER 2. Enthetic	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Syphilis	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

2. Stricture of Urethra																											
2. Stricture																											
3. Hydrophobia																											
4. Glanders																											
I.—ORDER 3. Dietic	1																								1		
1. Privation																											
2. Purpura																											
2. Rachitis																											
2. Scurvy	1																										
3. Delirium Tremens (Alcoholism)																											
4. Intemperance																									1		
I.—ORDER 4. Parasitic		1	1						2			1															
1. Thrush		1	1						1			1															
2. Worms									1																		
3. Disease of Scalp																											
CLASS II.—CONSTITUTIONAL	46	22	17	40	54	8	15		54	66	1	121	6	2	31	5	87	39	6	65	12		29	12	19	1	
II.—ORDER 1. Diathetic	10	14	8	12	13	3	1		11	17		36	3	1	9	1	21	12	1	22	3		5	5	12		
1. Gout																											
2. Anæmia		13	2	4	4	1				3		5	1	1	1		1	3	1	5			2	1	4		
2. Dropsy	5	1	2	4	4	1	1		5	2		18			2	1	4	5		8	1		1	3	3		
3. Cancer	5		3	3	4	1			6	12		10	1		6		15	4		8	2		2		4		
4. Noma (Canker)			1	1								2								1					1		
5. Mortification					1							1	1				1							1			
II.—ORDER 2. Tubercular	36	8	9	28	41	5	14		43	49	1	85	3	1	22	4	66	27	5	43	9		24	7	7	1	
1. Scrofula				1						3		3								1	1						

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																								
	Hilledale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Isle Royal.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.
2. Consumption of Bowels	----	----	----	----	----	----	----	----	1	1	----	3	1	----	2	----	1	2	----	----	1	----	----	----	----	----
3. Phthisis (Con. of Lungs)	36	7	9	27	39	4	14	----	42	45	1	78	1	1	20	4	65	25	5	42	6	----	23	7	7	1
4. Hydrocephalus	----	----	----	----	2	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5. Marasmus	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----	1	----	1	----	----	----
CLASS III.—LOCAL DISEASES	64	30	13	89	73	6	15	1	104	122	3	156	28	1	58	12	123	56	4	93	11	2	51	10	12	----
III.—ORDER 1. Nervous System	24	14	4	31	30	----	9	----	35	68	2	64	11	1	21	4	51	23	2	37	5	1	15	7	8	----
1. Cephalitis	5	4	1	7	9	----	----	----	5	3	----	15	----	----	7	1	5	4	----	5	2	----	7	1	2	----
2. Apoplexy	1	----	1	2	3	----	----	----	1	6	----	5	1	----	1	1	5	1	----	5	1	----	2	----	1	----
3. Paralysis	5	1	----	4	3	----	1	----	4	13	----	10	----	----	3	----	11	6	1	14	----	----	2	1	1	----
4. Insanity	----	----	----	----	1	----	----	----	----	15	----	1	----	----	----	----	1	3	----	----	----	----	----	----	----	----
5. Chorea	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
6. Epilepsy	3	----	----	1	----	----	----	----	2	8	----	1	----	----	----	----	1	----	----	----	----	----	----	----	----	----
7. Tetanus	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8. Convulsions	1	6	2	3	2	----	2	----	3	4	----	14	8	1	3	----	5	3	1	6	1	1	4	5	1	----
9. Brain Diseases	4	----	----	4	5	----	1	----	8	13	1	9	----	----	4	1	12	2	----	3	1	----	----	----	2	----
9. Dropsy of Brain	----	1	----	3	2	----	2	----	1	1	----	1	----	----	1	----	1	1	----	4	----	----	----	----	----	----
10. Spinal Fever	3	----	----	4	3	----	2	----	3	1	1	1	----	----	1	1	1	1	----	----	----	----	----	----	1	----
11. Spotted Fever	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----
12. Meningitis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13. Men., Cerebro-spinal	----	2	----	----	1	----	----	----	1	1	----	----	2	----	----	----	1	----	----	----	----	----	----	----	----	----

14. Meningitis, Spinal									3	2						3	1													
15. Neuralgia																														
16. Spine Disease	2			3	1		1		3	1	7			1		3	1													
17. Spine, Inflam. of																1														
18. Frightened																														
III.—Order 2. Organs of Circulation	8	1		8	11				12	11	20			4		11	4		17	2		5	2							
1. Pericarditis	3			1					2	1						1	3		4				2							
2. Aneurism																														
3. Heart Disease	5	1		7	11				10	10	20			4		10	1		13	2		5							
4. Emboli																														
III.—Order 3. Respiratory Organs	11	12	2	29	11	2	4	1	25	28	35	9		17	4	26	12	1	16	3		20	1	1						
1. Epistaxis											1					1														
2. Laryngitis		1																												
3. Bronchitis				1			1		2	2		2		1		1	2		1			2								
4. Pleurisy	2			1	1		1		1	1				1	1	3							1							
5. Pneumonia	6	5	2	21	7	1	1	1	11	18	30	7		12	3	13	7	1	9	3		18								
6. Asthma	1			1													1													
7. Lung Diseases	2	6		4	3		1		11	6	4			3		7	2		5					1						
8. Catarrh				1		1				1						1			1											
III.—Order 4. Digestive Organs	16	1	5	13	13	4	2		25	8	27	5		13	3	24	10		14		1	10		3						
1. Gastritis	1			1	1	2	1		4	1	4			2	1	3	1		4			1								
2. Enteritis	11	1	2	4	6				7	3	8	2		4	1	12	5		6			7		3						
3. Peritonitis						1			2		1	1					1													
4. Ascites															1															
5. Ulceration of Intestines									1		1																			
6. Hernia	1		2								1						1													

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																										
	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Isle Royal.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.
7. Obstruction of Bowels	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Intussusception	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Stricture of Intestines	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10. Fistula	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11. Stomach Diseases	1	....	....	....	1	1	....	....	6	1	....	5	1	....	....	....	3	1	....	2	....	....	1	....	....	....
12. Pancreas Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Hepatitis	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14. Jaundice	....	....	1	1	....	....	....	....	1	....	....	2	....	....	2	....	1	1	....	1	....	....	....	....	....	....
15. Liver Diseases	2	....	....	2	2	....	1	....	2	2	....	5	....	....	4	....	4	....	....	....	....	....	....	....	....	....
16. Spleen Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Bowel Diseases, etc	....	....	....	3	3	....	....	....	1	1	....	....	....	....	1	....	1	....	....	1	....	1	1	....	....	....
18. Mouth Disease	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
III.—ORDER 5. Urinary Organs	1	1	....	5	6	....	....	....	4	5	1	5	1	....	2	1	7	3	....	8	1	....	....	....	....	....
1. Nephritis	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Ischuria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Bright's Disease of Kidneys	....	....	....	1	....	....	....	....	1	2	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....
4. Diabetes	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	2	2	....	....	....	....	....	....	....	....
5. Calculus (Gravel, etc.)	....	....	....	4	4	....	....	....	....	....	....	1	....	....	1	....	2	1	....	3	....	....	....	....	....	....
6. Cystitis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....
7. Kidney Diseases	1	....	....	....	2	....	....	....	2	3	....	2	1	....	1	....	2	....	....	4	....	....	....	....	....	....

III.—ORDER 6. Generative Organs	----	---	--		--	----	----	----	--	--	----	--	2	----	--	-	-	----	----	----	----	----	----	----	----	----					
1. Ovarian Dropsy	----	---	--		--	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
1. Ovarian Tumor	----	---	--		--	----	----	----	--	--	----	--	1	----	--	-	-	----	----	----	----	----	----	----	----	----					
2. Diseases of Uterus	----	---	--		--	----	----	----	--	--	----	--	1	----	--	-	-	----	----	----	----	----	----	----	----	----					
III.—ORDER 7. Organs of Locomotion	1	1	--		--	----	----	----	--	1	----	--	--	----	--	-	1	1	----	----	----	----	1	----	----	----					
1. Arthritis	----	---	--		--	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
2. Joint Diseases	1	1	--		--	----	----	----	--	1	----	--	--	----	--	-	1	1	----	----	----	----	1	----	----	----					
III.—ORDER 8. Integumentary System	3	---	1	2	2	----	----	----	3	1	----	5	--	----	1	-	3	3	----	1	----	----	----	----	----	----					
1. Phlegmon	1	---	--	1	1	----	----	----	1	--	----	2	--	----	--	-	3	3	----	1	----	----	----	----	----	----					
2. Ulcer	----	---	--	-	--	----	----	----	1	--	----	1	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
3. Skin Diseases	2	---	1	1	1	----	----	----	1	1	----	2	--	---	1	-	-	----	----	----	----	----	----	----	----	----					
CLASS IV.—DEVELOPMENTAL DISEASES.	22	25	17	29	28	7	5	----	46	34	2	76	17	6	24	4	37	13	1	29	10	----	33	7	2	1					
IV.—ORDER 1. Dev. Diseases of Children	10	23	13	8	11	5	3	----	24	14	2	42	13	3	9	2	14	8	----	14	7	----	23	4	2	----					
1. Still born	9	21	11	6	10	5	2	----	20	10	2	33	10	3	8	1	13	5	----	12	6	----	19	3	2	----					
2. Infantile	----	---	1	2	--	----	1	----	1	1	----	1	--	----	--	1	-	1	----	----	1	----	----	1	----	----					
2. Premature Birth	----	---	--	-	--	----	----	----	--	--	----	5	2	----	--	-	-	2	--	1	----	----	----	----	----	----					
3. Cyanosis	----	---	--	-	--	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
4. Spina Bifida	----	---	--	-	--	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
5. Other Malformations	----	---	--	-	--	----	----	----	--	--	----	--	1	----	--	-	-	----	----	----	----	----	----	----	----	----					
6. Teething	1	2		-	1	----	----	----	3	3	----	3	--	----	1	-	1	----	----	1	----	----	4	----	----	----					
7. Injury at Birth	----	---		-	----	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	----	----	----	----	----	----					
IV.—ORDER 2. Dev. Diseases of Women	4	2		5	5	----	1	----	3	5	----	7	3	1	5	1	5	1	----	3	1	----	3	---	----	----					
1. Dysmenorrhea	----	---		-	----	----	----	----	--	--	----	--	--	----	--	-	-	----	----	----	--	----	----	----	----	----					
1. Turn of Life	----	---		-	----	----	----	----	--	1	----	--	--	----	--		-	----	----	----	--	----	----	----	----	----					

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH, 1876.	Counties, 1876.																												
	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Isle Royale.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanau.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Menominee.	Missaukee.	Monroe.	Montcalm.	Remarks.
2 { Childbirth	5	2	1	6	4	..	1	..	3	4	..	5	6	1	4	..	6	1	..	3	1	..	3	....	..	..	..	....	..	
2 { Abortion	1	..	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	....	..	..	....	..	....	....	..	..	..	....	..	
2 { Uterine Hemorrhage	..	..	..	....	..	..	....	..	..	..	..	1	....	..	1	..	....	....	..	....	....	..	....	....	..	..	..	....	..	.
IV. Group 3. Sen. Dis. of Old People	6	..	3	10	12	2	1	..	10	15	..	27	1	2	10	..	10	4	..	12	2	..	9	3	..	..	..	9	1	1
1. Old Age	6	..	3	10	12	2	1	..	10	15	..	27	1	2	10	..	10	4	..	12	2	..	9	3	..	..	..	9	1	1
IV.—Group 4. Diseases of Nutrition	..	..	..	..	..	..	..	..	..	..	..	....	....	....	..	..	..	....	..	....	....	..	....	....	..	..	..	....	..	..
1 Atrophy and Debility	..	..	..	....	....	....	....	..	..	..	..	....	....	....	....	..	....	....	..	....	....	..	....	....	..	..	..	....	..	....
Class V. Violent Deaths	9	15	6	15	6	2	6	4	19	16	..	26	6	2	5	..	19	5	..	10	11	..	33	6	4	..	..	8	5	4
V. Group 1. Accident or Negligence	6	6	5	10	5	2	5	4	13	14	..	21	6	2	2	..	12	2	..	7	7	..	12	3	2	..	..	4	4	4
1. Fractures and Contusions	..	....	..	1	1	....	1	..	2	1	..	6	1	....	..	..	2	....	..	1	....	..	....	....	..	..	..	....	....	....
2 Wounds	..	..	..	2	..	..	....	..	2	2	..	1	....	1	..	..	1	....	..	....	1	..	....	1	..	..	..	....	....	..
3. Burns and Scalds	..	..	1	3	1	....	1	....	..	1	..	2	2	....	1	..	..	1	..	3	2	..	....	....	..	..	..	....	....	1
4. Poison	1	....	....	1	..	....	....	..	3	1	..	3	....	....	..	..	1	....	....	1	....	..	1	....	..	..	..	....	....	..
5. Drowning	2	3	3	3	..	2	1	4	2	2	..	6	3	....	1	..	7	....	..	1	4	..	7	1	2	..	..	3	....	3
6. Suffocation	2	....	1	....	..	....	....	..	1	1	..	3	....	....	..	..	1	1	..	....	....	..	....	....	..	..	..	....	....	..
7. Otherwise	1	....	1	1	1	....	3	....	3	3	..	3	....	1	..	..	....	....	..	1	....	..	4	1	..	..	..	....	....	
V.—Group 2. In Battle	..	..	..	....	..	..	....	..	..	..	..	....	....	....	..	..	....	....	..	....	....	..	....	....	..	..	..	....	....	....

V.—ORDER 3. Homicide	1																1													1
1. Murder	1																													1
V.—ORDER 4. Suicide				1			1			1		1			1					1	2				2					
1. Wounds																														
2. Poison										1		1																		
3. Drowning																					1				1					
4. Hanging															1					1	1									
5. Otherwise and not Specified				1			1																		1					
V.—ORDER 5. Execution																														
1. Hanging																														
V.—ORDER 6. Violent Deaths not Included above	2	9	1	7	3				6	1		4	2		2		6	3	8	2	2		21	2		1				
UNCLASSIFIED	1			1	1	1	4		1	1		3			1		1	1			1			1					
1. Fever, Inflammatory	1			1																										
2. Hemorrhage										1		1									1			1					
3. Inflammation					1		4		1			2			1														
4. Obesity																														
5. Otherwise						1											1	1												
Cause not Specified	11	64	18	12	16	5	13		26	25	6	54	3	1	18	10	24	11	3	12	9	1	54	7	5	3				

TABLE XVI.—CONTINUED. *Causes of Death, Classified.*

COUNTIES. 1876.

| CAUSES OF DEATH, 1876. | Allegan. | Alpena. | Antrim. | Barry. | Bay. | Berrien. | Branch. | Calhoun. | Cass. | Charlevoix. | Cheboygan. | Clare. | Clinton. | Delta. | Eaton. | Emmet. | Genesee. | Gladwin. | Gratiot. | Hillsdale. | Houghton. | Huron. | Ingham. | Ionia. | Iosco. | Isabella. | Jackson. | Kalamazoo. | Kalkaska. | Kent. | Keweenaw. | Lake. | Lapeer. | Leelanau. | Lenawee. | Livingston. | Macomb. | Manistee. | Manistique. | Marquette. | Mason. | Mecosta. | Menominee. | Midland. | Missaukee. | Monroe. | Montcalm. | Muskegon. | Newaygo. | Oakland. | Oceana. | Ogemaw. | Ontonagon. | Osceola. | Oscoda. | Otsego. | Ottawa. | Presque Isle. | Roscommon. | Saginaw. | Sanilac. | Schoolcraft. | Shiawassee. | St. Clair. | St. Joseph. | Tuscola. | Van Buren. | Washtenaw. | Wayne. | Wexford. |
|---|---|---

III.—1. Diseases of Nervous System	4	1	19	18	9	5	30	7	....	....	6	....	27	2	....	54	15	....	19	40	31	15	35	39	280	2
2. Diseases of Organs of Circulation	1	....	8	5	4	4	10	..	1	3	2	....	4	1	....	13	....	....	8	11	9	8	6	16	77	1
3. Diseases of Respiratory Organs..	2	....	17	12	4	5	22	7	....	3	2	1	23	....	....	39	5	....	14	21	20	10	46	21	194	....
4. Diseases of Digestive Organs.....	5	....	10	2	3	4	11	3	....	2	....	....	19	....	....	23	4	....	2	15	15	10	11	10	99	....
5. Diseases of Urinary Organs.....	..	....	1	1	1	....	5	2	....	1	....	....	2	....	....	3	2	....	1	8	....	2	4	4	21	1
6. Diseases of Generative Organs...	..	....	....	..	.	....	..	..	....	....	....	....	1	....	....	....	....	....	....	2	....	....	1	1	1	....
7. Diseases of Organs of Locomotion	..	....	....	..	.	....	1	..	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....
8. Dis. of Integumentary System...	..	....	2	1	.	....	..	..	....	....	....	....	2	....	....	....	....	....	....	3	1	2	....	....	13	....
IV.—1. Developmental Dis. of Children.	4	....	9	6	18	4	9	5	....	2	9	....	23	1	....	42	13	....	8	13	14	11	11	18	161	2
2. Developmental Dis. of Women...	..	....	....	3	2	3	3	1	....	....	2	....	6	....	....	7	3	....	1	5	3	4	1	3	27	....
3. Developmental Dis.of Old People	..	....	10	4	1	3	17	..	....	1	4	....	12	....	....	20	3	....	9	21	11	....	6	18	78	1
4. Diseases of Nutrition.....	..	....	....	..	.	....	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V.—1. Accident or Negligence.....	4	....	2	8	7	2	9	4	....	2	5	2	9	1	....	20	8	....	5	12	4	5	12	11	63	1
2. Battle	..	....	....	..	.	....	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Homicide	..	....	....	..	.	....	..	..	....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	....	2	....
4. Suicide	..	....	1	..	3	....	..	..	....	....	....	....	1	....	....	6	1	....	3	....	2	....	....	2	8	....
5. Execution.....	..	....	....	..	.	....	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Violent Deaths.....	2	1	3	6	.	3	9	1	....	1	1	1	2	1	....	11	1	....	4	6	4	2	1	4	16	1
CLASS I.—ZYMOTIC	11	1	41	35	28	22	51	29	3	4	12	....	56	3	....	122	46	....	60	61	47	20	49	74	591	6
I.—ORDER 1. Miasmatic.....	11	1	39	32	27	22	49	29	3	4	12	....	55	3	....	122	45	....	60	61	46	20	47	74	581	5
1. Small-pox	..	....	1	..	.	....	..	..	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	64	....
2. Measles	..	....	....	..	1	....	..	1	....	....	....	....	1	....	....	2	....	....	6	....	1	....	2	1	32	....
3. Scarlatina.....	2	....	1	2	7	5	10	13	....	2	....	....	4	....	....	8	1	....	24	9	9	1	7	1	48	3
4. Diphtheria.....	..	....	5	..	2	1	5	1	2	....	....	....	....	....	....	13	6	....	1	15	5	4	2	2	58	....
5. Quinsy	..	....	....	..	.	....	..	..	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	1	....
6. Croup	..	....	6	..	.	1	3	1	1	....	....	....	3	....	....	9	8	....	1	5	1	....	1	2	35	....

TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																										
	Midland.	Missaukee.	Monroe.	Montcalm.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
7. Whooping-cough	2	....	1	....	3	....	....	....	....	....	2	....	2	....	....	15	16	....	....	3	2	3	1	11	32	....
8. Continued Fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Typhoid Fever	....	....	6	6	2	5	10	....	....	....	3	....	10	....	....	13	3	....	13	6	6	5	12	19	59	....
8. Typhus Fever	....	....	1	....	....	....	....	3	....	....	....	....	1	....	....	3	1	....	....	....	....	....	....	2	4	....
8. Typho-malarial Fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Erysipelas	....	....	1	1	....	....	4	....	....	....	1	....	1	....	....	4	1	....	....	2	1	1	2	4	9	....
10. Puerperal Fever	....	....	....	....	....	....	1	1	....	....	....	....	2	....	....	3	....	....	2	....	....	....	1	3	2	....
11. Carbuncle	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Influenza	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Dysentery	5	....	1	7	2	1	1	2	....	1	1	....	3	3	....	5	....	....	2	....	3	....	2	1	30	....
14. Diarrhea	....	....	2	1	3	....	2	1	....	....	4	....	11	....	....	21	3	....	2	2	1	1	....	3	128	1
15. Cholera Infantum	1	....	4	8	3	2	6	4	....	1	1	....	2	....	....	11	....	....	3	4	9	3	4	12	37	....
16. Cholera Morbus	....	....	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	2	....	1	....	3	....
16. Cholera	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	2	....
17. Ague	....	....	2	3	1	2	2	1	....	....	....	....	4	....	....	8	1	....	1	2	3	....	6	5	8	....
18. Remittent Fever	....	1	5	1	3	5	4	1	....	....	....	....	9	....	....	5	4	....	1	8	2	1	5	3	18	1
19. Rheumatism	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	4	1	1	....	3	11	....
I.—ORDER 2. Enthetic	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	4	....
1. Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	4	....

2. Stricture of Urethra																												
2. Stricture																												
3. Hydrophobia																												
4. Glanders																												
I.—Order 3. Dietic			1	1	1		2																1		5	1		
1. Privation																												
2. Purpura							1																					
2. Rachitis																												
2. Scurvy																												
3. Delirium Tremens (Alcoholism)			1		1																				2	1		
4. Intemperance				1			1																1		3			
I.—Order 4. Parasitic			1	2											1									1				
1. Thrush																								1				
2. Worms			1	2											1													
3. Disease of Scalp																												
Class II.—Constitutional	6	1	50	31	19	5	70	10	4	12	40	2		84	26		42	57	42	25	50	63	420	2				
II.—Order 1. Diathetic	1		15	7	8	1	20	5	2	4	13	1		12	8		17	16	11	7	15	13	134	1				
1. Gout																												
2. Anæmia					2		5	1		1	3			2	3		10	4	3		4	1	44					
2. Dropsy			6	2	2	1	5	1		1	5	1		7	3		5	3	3	5	4	4	44	1				
3. Cancer			7	4	4		9	2	2	2	4			3	2		2	8	5	2	7	5	42					
4. Noma (Canker)	1		1	1			1				1							1				1	3					
5. Mortification			1					1														2	1					
II.—Order 2. Tubercular	5	1	35	24	11	4	50	5	2	8	27	1		72	18		25	41	31	18	35	50	286	1				
1. Scrofula										1				1			2			2	1		2					

TABLE XVI. CONTINUED. Return of Deaths, Classified.

CONTINUED, 1876.

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TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																									
	Midland.	Missaukee.	Monroe.	Montcalm.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
7. Obstruction of Bowels	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Intussusception	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
9. Stricture of Intestines	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10. Fistula	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11. Stomach Diseases	....	....	....	....	....	....	2	1	....	1	....	....	2	....	....	3	2	....	....	1	4	1	2	....	12	....
12. Pancreas Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Hepatitis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....
14. Jaundice	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	3	....	....	....	1	4	....
15. Liver Diseases	1	....	2	....	2	2	....	....	....	....	....	....	4	....	....	6	....	....	....	2	4	4	1	2	21	....
16. Spleen Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
17. Bowel Diseases, etc.	....	....	....	....	....	....	1	....	....	....	....	....	4	....	....	....	....	....	....	1	....	....	....	....	8	....
18. Mouth Disease	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
III.—ORDER 5. Urinary Organs	....	....	1	1	1	....	5	2	....	1	....	....	2	....	....	3	2	....	1	8	....	2	4	4	21	1
1. Nephritis	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	1	....
2. Ischuria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Bright's Disease of Kidneys	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	2	6	....
4. Diabetes	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	2	....
5. Calculus (Gravel, etc.)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	1	....	4	....
6. Cystitis	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1
7. Kidney Diseases	....	....	....	....	....	....	3	....	....	....	....	....	1	....	....	3	1	....	....	4	....	1	1	1	8	....

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TABLE XVI.—CONTINUED.—*Causes of Death, Classified.*

CAUSES OF DEATH,—1876.	COUNTIES.—1876.																										
	Midland.	Milwaukee.	Monroe.	Montcalm.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
2. Childbirth	----	----	----	2	2	3	3	----	----	----	2	----	5	----	----	7	3	----	1	5	3	3	1	3	24	----
2. Abortion	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
2. Uterine Hemorrhage	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----
IV.—ORDER 3. Dev. Dis. of Old People	----	----	10	4	1	3	17	----	----	1	4	----	12	----	----	20	3	----	9	21	11	----	6	18	78	1
1. Old Age	----	----	10	4	1	3	17	----	----	1	4	----	12	----	----	20	3	----	9	21	11	----	6	18	78	1
IV.—ORDER 4. Diseases of Nutrition	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Atrophy and Debility	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CLASS V.—VIOLENT DEATHS	6	1	6	14	10	5	18	5	----	3	6	3	12	2	----	39	10	----	12	18	10	7	14	17	89	2
V.—ORDER 1. Accident or Negligence	4	----	2	8	7	2	9	4	----	2	5	2	9	1	----	20	8	----	5	12	4	5	12	11	63	1
1. Fractures and Contusions	----	----	----	----	----	----	2	----	----	----	----	----	2	----	----	2	----	----	1	----	1	----	2	6	17	----
2. Wounds	----	----	----	----	----	----	2	----	----	----	1	----	----	----	----	1	----	----	1	----	----	1	2	----	4	----
3. Burns and Scalds	2	----	----	2	1	1	1	----	----	1	2	1	3	----	----	3	4	----	2	2	----	----	----	2	7	----
4. Poison	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	1	1	----
5. Drowning	2	----	1	4	5	1	3	1	----	----	----	----	3	1	----	11	2	----	----	5	2	2	5	1	22	----
6. Suffocation	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	1	----	----	----	----	1	----	----	----	5	----
7. Otherwise	----	----	1	2	----	----	1	1	----	1	1	1	1	----	----	1	2	----	1	5	----	2	2	1	7	1
V.—ORDER 2. In Battle	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

V.—ORDER 3. Homicide	-	----	--	--	----	----		----			----		-	----	2		----	----	-	--	----	1	----	2	----
1. Murder	-	----	--	--	----	----		----			----		-	----	2		----	----	-	--	----	1	----	1	----
V.—ORDER 4. Suicide	-	----	1	--	3	----		----			----		-	----	6		----	3	-	2	----	----	2	8	----
1. Wounds	-	----	--	--	----	----		----			----		-	----	--		--	----	-	--	----	----	----	----	----
2. Poison	-	----	--	--	1	----		----			----		-	----	4		----	1	-	--	----	----	1	3	----
3. Drowning	-	----	--	--	----	----		----			----		-	----	--		----	----	-	--	----	----	----	1	----
4. Hanging	-	----	--	--	----	----		----			----		-	----	1		----	----	-	--	----	----	----	----	----
5. Otherwise and not Specified	-	----	1	--	2	----		----			----		-	----	1		----	2	-	2	----	----	1	4	----
V.—ORDER 5. Execution	-	----	--	--	----	----		----			----		-	----	--		----	----	-	--	----	----	----	----	----
1. Hanging	-	----	--	--	----	----		----			----		-	----	--		----	----	-	--	----	----	----	----	----
V.—ORDER 6. Violent Deaths not Included above	2	1	3	6	----	3	9	1	1	1	2	1	----	11		----	4	6	4	2	1	4	16	1
UNCLASSIFIED	-	----	--	--	1	----	2	----		----		-	----	1		----	1	1	--	----	2	----	10	3
1. Fever, Inflammatory	-	----	--	--	----	----		----		----		-	----	--		----	----	-	--	----	----	----	1	----
2. Hemorrhage	-	----	--	--	----	----		----		----		-	----	--		----	----	1	--	----	1	----	4	----
3. Inflammation	-	----	--	--	1	----	2	----		----		-	----	1		----	1	-	--	----	1	----	4	3
4. Obesity	-	----	--	--	----	----		----		----		-	----	--		----	----	-	--	----	----	----	----	----
5. Otherwise	-	----	--	--	----	----		----		----		-	----	--		----	----	-	--	----	----	----	1	----
Cause not Specified	1	1	23	20	20	8	19	14	12	----	31	2	----	56	17	----	12	59	16	11	20	18	181	3

TABLE XVII.—*Exhibiting by Sex, by Months, by Specified Causes, and by Ages in Periods of Years, the Number of Persons Returned as having Died in Michigan during the Year ending December 31, 1876; also by Sex, and by Specified Causes, the Number of Persons Returned as having Died during each of the Years 1869 to 1876, inclusive (Still-births included). The Foot-notes in this Table refer only to the Year for which the Report is made, unless otherwise stated.*

DEATHS FROM ALL CAUSES.

SEX.	MONTHS, 1876.													YEARS.*					AGES IN PERIODS OF YEARS.—1876.																							
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Total.....	685	800	975	978	970	855	1079	1517	1423	1131	989	1153	31	12576	11990	12500	14258	13371	5121	630	367	537	564	515	425	423	349	375	393	420	418	461	490	387	457	244
Males.....	392	412	515	509	519	463	598	822	757	606	541	607	15	6756	6448	6665	7651	7182	2798	332	180	233	235	240	205	208	183	226	214	266	255	277	290	234	247	133
Females..	292	385	456	463	449	388	480	677	664	521	439	535	12	5761	5484	5804	6590	6162	2281	298	187	304	329	275	220	215	166	149	179	154	163	184	200	153	210	94
Unknown	1	3	4	6	2	4	1	8	2	4	9	11	4	59	58	31	17	27	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17

* For the year 1869, the total deaths returned from all causes were 9,145,—males 4,796, females 4,306, unknown sex, 43. For 1870, the total deaths returned were 10,766,—males 5,569, females 5,140, unknown sex, 37. For 1871, the total deaths returned were 9,728,—males 5,190, females 4,503, unknown sex, 35.

TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																			
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females																1					Abortion, Attempted																		
Females				1	1		2			1	2			7	10	6	9	10	14	6	7	Abortion				1	3	2		1									
Males																1			1	2		Abscess of Abdomen																	
Females															1				2	1		" "																	
Males																	1					Abscess of Ankle																	
Females											1			1								Abscess under Arm							1										
Males																		1				Abscess of Armpit and Thigh																	
Males															1	2		1		1		Abscess of Back																	
Females																			1			" " "																	
Males	2													2				3				Abscess of Bowels					1	1											
Females															1							" " "																	
Males			1	1	1									3		1		2		3		Abscess of Brain	2			1													
Females																			1			" " "																	
Males																		1				Abscess in Face or Cheek																	
Females																		1				Abscess, Femoral																	
Males															1	1						Abscess of Groin																	
Females					1									1								" " "									1								
Total					1		1							2		4	2	1	2	4		Abscess of Head					1			1									
Males					1									1		3	2		2	3		" " "					1												
Females							1							1		1		1		1		" " "								1									

TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	1	..		..	..	..	1	1	....	1	1	....	....	....	Abscess of Hip	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	....	1	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	....	1	....	....	....	Abscess near right Kidney	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	....	1	....	....	....	Abscess of Kidneys	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	1	....	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		1	..	..	1	....	....	....	....	....	....	....	Abscess of Limb	....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..		..	..	..	....	1	....	....	....	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	....	1	....	....	....	Abscess, Lumbar	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..		..	..	..	....	1	....	....	....	....	....	....	Abscess of Neck	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	..	....	....	....	1	....	....	....	Abscess, Pelvic	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	1		..	..	..	1	....	2	....	....	....	....	....	" " "	...	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	....	....	1	....	1	....	....	....	Abscess, P'soas	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	1		..	..	..	1	....	....	....	-	....	....	....	Abscess on Shoulder	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Total	..	..	..	..	1	..	1	1	..		1	..	..	4	5	....	....	-	....	....	....	Abscess in Side	1	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	1	..	1	..	..		1	..	..	3	4	....	....	-	....	....	....	" " "	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	1		..	..	..	1	1	....	....	-	....	....	....	" " "	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	....	1	....	1	-	....	....	....	Abscess of Spine	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..		..	..	..	....	....	....	1	-	....	....	....	Abscess of Spleen	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	2	..	..	..	1	..		..	..	..	3	2	....	....	-	....	....	....	Abscess of Stomach	1	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Males	..	..	..	2	..	..	..	..	..		..	..	..	2	2	....	....	-	....	....	....	" " "	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	1	..		..	..	..	1	....	....	....	-	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	--	--	1	2	2	1	2		1	1	1	--	--	12	8	9	8	11	8	11	4	Asthma	2	--	--	--	--	--	--	1	--	--	3	--	2	2	1	1	--	--
Males....	--	--	--	--	--	--	--		--	--	--	--	--		1	----	--	----	1	----	----	Biliary Calculus	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males....	--	--	--	--	--	--	--		--	--	--	--	--		5	1	--	1	1	----	----	Birth, Injury at	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Females..	--	--	--	--	--	--	--		--	--	--	--	--		--	2	--	----	1	----	----	" " "	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males....	--	--	--	--	--	--	--		--	--	--	--	--	-	1	----	--	----	----	----	----	Birth,—Instrumental Delivery	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total....	1	1	2	4	2	4	5	5	4	1	2	3	--	34	28	21	16	18	12	19	2	Birth, Premature	34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males....	1	--	--	3	1	1	1	4	2	1	1	2	--	17	13	10	10	10	5	8	----	" "	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Females.	--	1	2	1	--	3	4	1	2	--	1	1	--	16	15	11	6	8	7	11	2	" "	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Unknown	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	----	--	----	----	----	----	" "	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males. ...	--	--	--	--	--	--	--	--	--	--	--	--	--	-	1	----	--	----	----	----	----	Bite of Insect	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males....	--	--	--	--	--	--	--	--	--	--	--	--	--	-	--	----	--	----	2	----	----	Black Vomit	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males	--	--	--	--	--	--	--	1	--	--	1	--	--	2	3	6	1	2	3	----	----	Bladder, Disease of	1	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--
Females..	--	--	--	--	--	--	--	--	--	--	--	--	--	-	--	1	1	----	----	----	----	" " "	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Males....	--	--	-	--	--	--	--	--	--	--	--	--	--	-	--	----	1	----	----	----	----	Bladder, Inflam. of, Acute	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total....	1	--	2	--	--	--	--	1	--	--	--	--	--	6	14	7	8	6	4	7	6	Bladder, Inflam. of	----	--	--	--	--	--	--	--	--	--	--	--	4	--	--	--	--
Males....	--	--	2	--	--	--	--	1	--	--	--	--	--	5	11	6	7	6	4	7	4	" " "	----	--	--	--	--	--	--	--	--	--	--	--	3	--	2	--	--
Females .	1	--	--	--	--	--	--	--	--	--	--	--	--	1	3	1	1	----	----	----	2	" " "	----	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
Males....	--	--	--	--	--	--	--	--	--	--	--	--	--	-	1	----	--	----	----	----	----	Bladder, Paral. of	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total....	--	--	--	--	1	--	--	--	--	--	--	1	--	4	2	1	--	----	----	1	----	Blood Poison	----	--	--	--	1	--	--	1	--	--	--	--	1	--	--	--	--	1
Males....	--	--	--	--	--	--	--	--	--	--	--	1	--	1	1	1	--	----	----	1	----	" "	----	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
Females..	--	--	--	2	--	1	--	--	--	--	--	--	--	3	1	----	--	----	----	----	----	" "	----	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	--	--	1

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.													YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	..	..	..	..	..	..		---	----	2	----	----	----	---	Brain, Compression of	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	---	---	----	1	----	----	----	---	" " "	----	--	--	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Males	..	..	..	..	..	1	..	1	..	..	..	..	..	2	---	----	----	----	----	----	---	Brain, Concussion of	1	--	-	--	--	--	-	-	--	--	1	--	-	--	--	--	--	..
Total	10	7	12	15	15	15	20	24	23	14	10	10	..	175	106	145	178	192	173	214	204	Brain, Disease of	105	10	7	8	5	2	..	3	2	4	4	7	5	6	4	1	..	2
Males	5	4	5	10	9	6	13	13	15	9	8	4	..	101	48	79	97	110	92	132	111	" " "	63	4	3	2	3	1	..	2	1	2	2	6	3	5	2	..	..	2
Females	5	3	7	5	6	9	7	11	8	5	2	6	..	74	58	66	81	82	81	82	93	" " "	42	6	4	6	2	1	..	1	1	2	2	1	2	1	2	1	..	..
Total	10	19	20	21	18	16	26	46	39	18	18	23	1	275	232	261	333	330	216	233	226	Brain, Inflammation of	181	33	15	11	3	4	2	2	3	3	7	3	2	4	1	..	1	..
Males	8	10	13	14	9	8	10	28	18	5	8	16	1	148	132	144	195	182	114	108	122	" " "	95	19	6	6	2	3	1	1	1	3	3	1	2	3	1	..	1	..
Females	2	9	7	7	9	8	16	18	21	13	10	7	..	127	99	117	138	148	102	125	104	" " "	86	14	9	5	1	1	1	1	2	..	4	2	..	1	..	..	..	..
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	-	1	----	----	----	----	--	-	" " "	---	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	-	1	----	- --	----	----	--	-	Brain, Injury of	---	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Total	..	..	1	..	1	..	..	..	1	..	..	..	..	3	4	3	----	2	----	--	-	Brain, Paralysis of	---	1	-	1	--	--	--	-	--	--	--	--	--	1	--	--	--	..
Males	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	2	----	1	----	--	-	" " "	---	--	-	--	--	--	--	-	--	--	--	--	--	1	--	--	--	..
Females	..	..	1	..	..	..	..	..	1	..	..	..	..	2	3	1	----	1	----	--	-	" " "	---	1	-	1	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Total	3	..	1	2	2	1	5	4	4	1	4	3	..	30	29	15	19	17	12	15	4	Brain, Softening of	1	--	-	--	--	1	2	1	..	3	5	4	2	1	3	4	2	1
Males	3	..	1	..	1	1	4	3	3	1	4	2	..	23	22	12	12	8	6	9	3	" " "	---	--	-	--	--	1	1	-	..	2	4	4	2	1	2	4	1	1
Females	..	..	..	2	1	..	1	1	1	..	..	1	..	7	7	3	7	9	6	6	1	" " "	1	--	-	--	--	--	1	1	..	1	1	--	--	--	1	--	1	..
Males	..	..	..	..	..	..	..	..	..	..	..	1	..	1	----	----	----	----	----	--	-	Breast Disease	1	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	-	----	1	----	----	----	--	-	" "	---	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	-	----	----	----	1	----	--	-	Breast, Inflammation of	---	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..		----	3	----	----	----	---	-	Bronchitis, Acute	---	--	-	--	--	--	--	-	--	--	--	--	--	--	--	--	--	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.													YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Carbuncle	....		..	..	..	..	..		..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Cardialgia	....		..	..	..	..	..		..	..	..	..	..	..	..	..	..
Males....	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	....	....	....	....	....	Caries of Joint	....	..	..	..	..	..	..	..		..	1	..	..	..	..	..	..
Total....	11	18	11	13	16	18	20	16	20	28	32	19	..	222	215	182	223	177	246	177	176	Casualty[a]	19	10	19	24	23	15	17	7	13	20	12	12	10	4	7	2	4	4
Males....	10	12	9	11	15	14	19	16	18	27	28	18	..	197	195	155	186	153	216	152	149	"	11	6	19	23	23	15	17	5	13	16	12	11	8	4	5	1	4	4
Females..	1	6	2	2	1	4	1	....	2	1	4	1	..	25	20	27	37	24	30	25	27	"	8	4	..	1	..	..	..	2		4	..	1	2	..	2	1	..	..
Males....	..	..	1	..	..	..	..	....	..	..	..	..	..	1	....	....	....	....	1	....	....	Catarrh in Head	....	..	..	..	..	..	1	..		..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	....	..	..	..	..	..	....	2	....	....	....	1	....	....	" " "	....	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Males....	..	..	..	..	..	..	..	....	..	..	..	..	..	....	....	....	1	....	....	....	....	Catarrh of Lungs	....	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Total....	1	2	2	2	..	1	..	....	1	..	1	1	..	11	7	5	6	6	2	1	6	Catarrh	3	1	..	1	..	..	1	..		..	1	1	..	..	1	..	1	..
Males....	1	2	1	2	..	..	..	....	1	..	..	1	..	8	3	2	5	5	2	1	4	"	2	..	..	1	..	..	1	..	1	..	1	..	..	..	1	..	1	..
Females..	..	..	1	..	..	1	..	....	..	..	1	..	..	3	4	3	1	1	....	....	2	"	1	1	..	..	..	..	..	..		..	..	1	..	..	..	..	..	..
Males....	..	..	..	..	..	..	..	....	..	..	..	..	..	....	....	....	1	....	....	....	....	Chest Disease	....	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	....	1	..	..	..	..	1	....	....	1	....	....	....	....	" "	....	..	..	..	1	..	..	..		..	..	..	..	..	..	..	..	..
Males....	..	..	..	..	..	..	..	....	..	..	..	..	..	....	....	....	....	1	....	....	....	Chest, Inflammation of..	....	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	....	..	..	..	..	..	....	....	....	....	1	....	....	....	" " "	....	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..
Total....	..	..	1	1	..	..	..	1	2	..	..	..	..	5	3	1	1	2	1	1	3	Chicken-pox	2	..	..	1	..	1	1	..		..	..	..	..	..	..	..	..	..
Males....	..	..	1	..	..	..	..	....	..	..	..	..	..	1	2	....	....	1	....	....	1	" "	1	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Females..	..	..	..	1	..	..	..	1	2	..	..	..	..	4	1	1	1	1	1	1	2	" "	1	..	..	1	..	1	1	..		..	..	..	..	..	..	..	..	..
Females..	4	15	19	15	15	9	8	8	14	11	9	14	..	141	173	197	254	218	137	129	118	Childbirth	....	..	..	12	26	34	33	21	10	2	..	..	..	..	..	..	..	3
Females..	..	..	..	..	..	..	..	....	..	..	..	..	..	....	2	....	....	....	....	....	....	Childbirth, Inflam. after	....	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																					
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	Cold on Lungs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total....	..	2	1	6	2	4	2	..	4	..	2	1	..	24	20	25	18	13	12	..	..	Cold	12	..	2	1	2	..	1	..	2	..	1	1	..	1	1	..	..	..
Males....	..	1	..	2	..	3	2	..	2	..	2	1	..	13	12	14	11	7	7	..	..	"	8	..	1	1	..	..	..	..	1	..	..	1	..	1	..	..	..	..
Females..	..	1	1	4	2	1	..	..	2	..	..	..	..	11	8	11	7	6	5	..	..	"	4	..	1	..	2	..	1	..	1	..	1	..	..	..	1	..	..	..	..
Total....	..	..	2	..	1	..	..	..	1	1	..	..	..	5	10	2	4	7	7	10	4	Colic, Bilious	..	..	..	..	..	..	..	1	1	1	..	..	1	..	1	..	..	..
Males	..	..	1	..	1	..	..	..	1	1	..	..	..	4	9	1	1	3	6	4	3	" "	..	..	..	..	..	..	..	1	1	1	..	..	..	1	..	..	..	..
Females..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	1	3	4	1	6	1	" "	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Males....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	2	..	Colic, P'trs..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total....	..	..	..	..	..	1	..	..	1	..	2	..	1	5	8	5	6	2	5	6	7	Colic	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2
Males....	..	..	..	..	..	1	..	..	1	..	1	..	..	3	4	2	4	2	2	4	2	"	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
Females..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	4	3	2	..	3	2	5	"	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Males....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	Constipation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total....	80	115	140	140	153	137	136	124	155	143	125	139	3	1590	1479	1392	1447	1467	1303	1451	1233	Consumption	92	20	41	168	199	195	141	116	87	102	78	86	71	55	57	43	15	24
Males....	37	46	64	55	64	61	64	60	76	59	56	57	1	700	708	656	671	720	635	697	563	"	43	7	10	44	64	84	58	49	41	58	36	46	45	35	37	24	6	10
Females..	43	69	76	85	89	76	72	64	79	84	69	82	2	890	771	736	776	747	668	753	669	"	46	13	31	124	135	111	83	67	46	44	42	40	26	20	20	19	9	14
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	Convulsions, Miasmatic..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	Convulsions, Uræmic....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total....	11	12	13	14	10	9	21	29	14	15	11	26	..	185	164	144	156	145	106	117	105	Convulsions, (See Fits)..	171	1	..	1	1	5	1	..	..	..	1	..	1	1	2	..	..	..
Males....	7	7	6	10	7	4	10	14	7	8	8	10	..	98	77	77	89	81	60	70	58	Convulsions, (See Fits)..	93	1	..	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	1	..	..	..	1	..	2	....	1	....	....	....	....	....	Dementia, Chronic	....	....	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	2	....	....	....	....	" "	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Dementia, Epileptic	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Dementia, Melancholia	....	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	..	..	..	2	..	1	..	..	..	..	..	4	3	3	1	....	....	....	....	Dementia, Paralytic	....	....	..	..	..	..	..	..	1	1	..	..	..	1	..	..	1	..
Males	..	1	..	..	..	1	..	1	..	..	..	..	..	3	3	1	1	....	....	....	....	" "	....	....	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..
Females	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	2	....	....	....	....	....	" "	....	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	2	....	....	....	....	....	Dementia	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	1	....	....	....	....	....	"	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	Diabetes Mellitus	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	1	3	..	1	..	1	3	1	..	4	4	..	19	36	27	30	35	33	29	25	Diabetes	2	2	3	1	2	..	..	3	..	..	..	..	2	1	2	1	..
Males	1	1	1	..	..	..	1	3	1	..	3	1	..	12	26	17	18	27	24	19	19	"	2	..	2	1	1	..	..	2	..	..	..	..	2	1	..	1	..
Females	..	..	2	..	1	..	..	..	..	..	1	3	..	7	10	10	12	8	9	10	6	"	..	2	1	..	1	..	..	1	..	..	..	..	..	..	2	..	..
Total	2	2	..	..	1	..	2	2	3	..	2	1	..	15	27	15	27	29	23	29	16	Diarrhea, Chronic	3	..	..	1	..	1	1	..	1	..	..	2	1	1	2	1	1	..
Males	1	1	..	..	1	..	..	2	3	..	2	1	..	11	17	10	19	19	16	16	11	" "	2	..	..	1	..	1	1	..	1	..	..	..	1	1	2	..	1	..
Females	1	1	..	..	..	..	2	..	..	..	..	..	..	4	10	5	8	10	7	13	5	" "	1	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..
Total	4	4	4	4	8	12	67	96	57	20	4	8	1	289	256	365	356	408	193	378	295	Diarrhea	258	8	1	1	2	2	1	..	2	..	2	1	1	1	1	1	2	5
Males	3	1	2	1	5	4	41	52	32	10	2	6	..	159	145	208	189	240	100	191	163	"	139	6	..	1	1	..	1	..	2	..	..	1	1	1	1	1	1	3
Females	1	3	2	3	3	8	26	43	25	10	2	2	..	128	111	157	167	167	93	187	132	"	117	2	1	..	1	2	..	..	..	..	2	..	..	..	..	..	1	2
Unknown	..	..	..	..	..	..	..	1	..	..	..	..	1	2	....	....	....	1	....	....	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	24	16	21	13	14	13	12	24	39	51	46	38	1	311	297	213	217	192	121	121	89	Diphtheria	140	103	34	9	5	1	5	3	1	..	1	..	..	1	1	..	..	7

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	5	7	9	11	12	13	10	5	19	12	12	10	..	125	10	122	131	119	124	143	136	Dropsy (Unspecified)	8	2	1	6	6	1	7	7	6	8	8	8	13	12	18	5	8	1
Total	..	..	2	1	3	5	2	6	3	6	2	..	..	30	17	21	16	22	....	....	...	Drowning, Accidental	6	6	1	6	1	1	2	3	1	..	..	1	1	..	1	..	..	..
Males	..	..	1	1	1	5	2	3	3	6	2	..	..	24	13	21	16	20	....	....	...	" "	3	6	..	4	1	1	2	3	1	..	..	1	1	..	1	..	..	..
Females	..	..	1	..	2	..	..	3	..	..	..	..	..	6	4	....	....	2	....	....	...	" "	3	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	4	6	5	4	15	22	27	32	3	9	8	7	..	142	91	95	91	68	87	107	96	Drowning	24	18	17	24	8	8	4	5	6	6	2	4	..	2	2	..	1	11
Males	4	6	4	4	14	22	23	21	3	9	8	6	..	124	79	84	83	62	76	91	76	"	23	17	10	19	7	8	4	5	5	6	2	4	..	2	2	..	1	9
Females	..	..	1	..	1	..	4	11	..	..	..	1	..	18	12	11	8	6	10	16	20	"	1	1	7	5	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	....	1	....	...	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	3	1	3	4	5	9	24	77	50	11	4	4	..	195	162	304	319	456	173	374	236	Dysentery [a]	142	6	2	3	4	1	2	3	1	2	2	4	3	4	8	4	2	2
Males	2	1	2	3	4	2	16	39	26	8	2	1	..	106	77	*161	168	246	87	198	136	"	77	3	1	2	2	1	1	3	1	1	2	2	1	..	3	3	1	2
Females	1	..	1	1	1	7	8	38	24	3	2	3	..	89	85	*143	150	210	86	176	99	"	65	3	1	1	2	..	1	..	..	1	..	2	2	4	5	1	1	..
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	1	....	....	....	1	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	1	....	....	...	Dysmenorrhea	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	..	4	2	1	2	..	1	2	..	2	..	15	18	16	21	16	8	25	7	Dyspepsia	....	..	..	..	..	1	..	..	..	3	1	2	2	1	4	1	..	..
Males	1	..	..	3	2	..	..	..	1	2	..	1	..	10	13	13	11	11	3	15	4	"	....	..	..	..	..	..	..	..	..	3	..	2	..	1	3	1	..	..
Females	..	..	..	1	..	1	2	..	..	..	..	1	..	5	5	3	10	5	5	10	3	"	....	..	..	..	..	1	..	..	..	..	1	..	2	..	1	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	1	....	....	...	Earache	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	1	....	....	....	...	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	1	....	....	...	Ear, Swelling of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	....	....	....	....	....	...	Eating Dried Apples	....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	...	Elephantiasis in the Limbs	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

| SEX. | MONTHS, 1876. | | | | | | | | | | | | YEARS. | | | | | | | | CAUSES OF DEATH. | AGES IN PERIODS OF YEARS.—1876. | | | | | | | | | | | |

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	3	1	30	39	10	4	2	Fever, Spotted.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	18	18	19	20	17	19	29	54	82	66	49	34	1	426	433	611	678	621	357	574	437	Fever, Typhoid.....	45	26	32	57	52	36	14	29	19	18	11	20	13	22	14	4	2	12
Males.....	8	10	11	13	8	11	13	33	34	42	29	21	..	233	232	317	385	341	192	270	228	" "	19	16	16	26	30	17	11	16	9	13	7	15	10	12	7	1	..	8
Females..	10	8	8	7	9	8	16	21	48	24	20	13	1	193	201	294	293	280	165	304	209	" "	26	10	16	31	22	19	3	13	10	5	4	5	3	10	7	3	2	4
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	..	....	1	....	..	....	Fever, Typhoid Rheum...	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	..	..	..	..	1	4	1	..	..	..	6	....	..	7	....	....	..	....	Fever, Typho-malarial....	....	..	1	3	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	2	....	....	..	....	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Females..	..	..	..	..	..	..	..	1	3	1	..	..	..	5	....	..	5	....	....	..	....	" "	....	..	1	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	..	1	..	1	..	4	3	1	1	..	11	14	16	16	29	8	1	9	Fever, Typhus.....	3	1	1	..	..	1	1	..	1	..	1	2	..	..	..	..	..	..
Males.....	..			..		..	1	..	3	1	1	1	..	7	6	12	4	12	4	..	6	" "	1	..	1	..	..	1	1	..	1	..	..	2	..	..	..	..	..	..
Females..	..		..	..		..	..	..	1	2	..	..	..	4	8	4	12	17	4	1	3	" "	2	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Males.....	..		..	..		..	..	1	..	..	..	..	..	1	....	..	....	....	....	..	....	Fever, Urinary.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Males.....	..		..	1		..	..	..	..	..	..	..	..	1	1	..	....	....	....	..	....	Fever, Yellow.....	....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Total.....	4	2	5	12	8	2	11	18	10	8	6	10	..	96	75	97	133	126	121	126	248	Fever, (Unspecified).....	41	5	5	4	10	3	5	1	2	6	2	2	2	2	..	2	1	3
Males.....	3		3	5	4	1	7	9	5	6	4	5	..	52	30	51	68	70	57	71	133	" "	25	4	2	2	3	2	4	..	..	3	..	1	2	1	..	1	..	2
Females..	1	2	2	7	4	1	4	9	5	2	2	5	..	44	45	46	65	56	62	55	115	" "	16	1	3	2	7	1	1	1	2	..	2	1	..	1	..	1	1	1
Unknown	..		..	..		..	..	..	..	..	..	..	..	....	....	..	....	....	2	..	....	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....			..	..		..	..	..	..		..	..	..	....	....	....	....	1	....	..	....	Fistula in Ano.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....			..	..		..	..	..	1		..	..	..	1	....	....	....	....	....	..	....	Fistula, Recto-cystic.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..		..	..		..	..	..	..		..	..	..	....	1	1	....	....	....	..	....	Fistula.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..		..	..		..	..	..	..		..	..	..	....	....	....	1	....	....	..	....	Fits, Rheumatic.....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	1	....	....	..	Frozen Leg	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	..	....	....	....	..	Fungus Hæmatodes	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	..	..	....	....	....	..	Gall, Disease of	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	1	....	....	....	..	Gall-stone, Passage of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	3	..	....	1	....	..	Gall-stone	....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	1	1	....	2	..	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	..	..	....	....	....	..	Gangrene, Senile	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Total	..	..	..	..	2	..	1	1	1	1	..	..	6	4	7	8	11	4	3	..	Gangrene[a]	....	..	..	..	1	..	..	..	..	..	1	2	2	..	..	..	..	..
Males	..	..	..	..	1	..	1	1	1	1	..	..	5	3	5	4	9	3	3	..	"	....	..	..	..	1	..	..	..	..	..	1	1	2	..	..	..	..	..
Females	..	..	..	..	1	..	..	..	..	..	..	..	1	1	2	4	2	1	....	..	"	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	..	....	....	....	..	Gastralgia	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	1	....	....	..	Glanders	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	1	....	....	....	..	"Glands"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	1	....	....	..	Goitre	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	..	....	....	....	..	Gout, "Rheumatic"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	....	....	1	..	Gout	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	2	2	2	3	1	1	3	6	7	3	1	2	..	33	21	19	25	22	24	24	24	Gravel	....	..	..	2	..	1	..	..	..	1	4	..	2	5	10	5	3	..
Males	2	2	2	3	1	1	3	5	6	3	1	2	..	31	20	18	21	22	23	23	22	"	....	..	..	2	..	..	..	..	..	1	3	..	2	5	10	5	3	..
Females	..	..	..	..	..	..	..	1	1	..	..	..	..	2	1	1	4	....	1	1	2	"	....	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..
Total	1	1	2	1	4	1	3	2	1	..	2	1	..	19	11	18	7	23	12	21	14	Gun-shot	1	1	..	1	6	2	2	1	1	2	..	..	1	..	..	..	..	1
Males	1	1	2	1	3	1	2	1	1	..	2	1	..	16	11	18	6	22	11	20	12	"	....	1	..	1	4	2	2	1	1	2	..	..	1	..	..	..	..	1

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

| SEX | Months, 1876 | | | | | | | | | | | | Years | | | | | | | | CAUSES OF DEATH. | Ages in Periods of Years. 1876 | | | | | | | | | | | |

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	1	....	....	....	"Hung Himself"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Hydatis	....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Hydrocele	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	Hydroceph. Congenital	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	1	2	..	..	..	1	..	..	..	..	..	5	4	6	4	10	5	3	8	Hydrocephalus	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	1	..	1	1	..	..	..	..	..	..	..	..	..	3	3	3	2	7	3	1	3	"	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	1	..	..	..	1	..	..	..	..	..	2	1	3	2	3	2	2	5	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	1	....	....	....	Hydrophobia	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	2	....	....	....	....	....	Hysteria	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..		....	....	1	....	....	....	....	Ice-water, Drinking of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	..	1	..	..	..	1	..	..	..	..	..	4	....	....	2	5	....	....	....	Inanition	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	1	..	..	..	..	..	..	..	..	..	2	....	....	1	2	....	....	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	1	..	..	..	..	..	..	..	1	..	..	..	..	2	....	....	1	3	....	....	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	1	1	..	..	1	1	..	..	..	..	..	4	4	5	3	1	....	....	....	Indigestion	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Males	..	..	1	..	..	..	..	1	..	..	..	..	..	2	3	2	2	....	....	....	....	"	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	1	..	..	1	..	..	..	..	..	..	2	1	3	1	1	....	....	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	2	2	2	..	..	..	..	6	1	3	....	....	1	....	....	Infanticide	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	1	1	1	..	..	..	..	3	....	2	....	....	1	....	....	"	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	1	1	1	..	..	..	..	3	....	1	....	....	....	....	....	"	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	4	1	3	2	..	4	2	6	4	2	4	4	..	36	44	25	56	79	98	37	49	Infantile	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.															
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Total	1	3	1	1	1	..	..	..	2	..	1	..	..	10	12	16	15	15	13	10	3	Kidneys, Inflammation of	3	1	..	..	..	..	1	..	..	1	1	1	2	..	..	..	..
Males	1	1	..	..	1	..	..	..	2	..	1	..	..	6	11	12	11	9	9	9	1	" " "	1	..	..	..	..	..	1	..	..	..	1	1	2	..	..	..	..
Females	..	2	1	1	..	..	..	..	..	..	..	..	..	4	1	4	4	6	4	1	2	" " "	2	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Males	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Kidneys, Ulceration of	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Killed by Violence	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	Kine-pox	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	....	....	....	....	....	....	Knee-Joint, Dis. of	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Knee-Joint, Inflam. in	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	1	....	....	....	....	....	Laryngitis	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	2	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	1	..	..	..	..	..	..	1	..	2	....	....	1	....	....	....	....	Leg, Diseased	....	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	1	1	....	....	....	....	Leg, Inflammation of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Leg, Loss of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	2	....	....	....	....	Leg, Ulceration in	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Leprosy	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	3	..	2	1	..	..	..	..	..	6	2	5	2	5	3	6	3	Lightning	....	..	2	..	..	1	..	..	1	2	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	1	3	1	1	1	1	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Limbs, Inflammation of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.													YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	..	..	..	..	.	..	..	..	..	..	..	..	..	....	1	....	....	....	....	..	....	Lungs, Apoplexy of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	17	10	22	19	24	3	11	10	13	18	20	25	..	192	193	205	173	173	153	154	112	Lung Disease[a]	76	8	4	7	6	4	4	9	7	8	10	11	13	8	6	5	2	4
Males	8	7	13	9	13	1	3	7	6	10	16	17	..	110	121	126	97	112	84	80	67	" "	41	3	3	2	4	3	..	7	4	7	6	8	7	3	4	3	2	3
Females	9	3	9	10	11	2	8	3	7	8	4	8	..	82	72	79	76	61	69	74	45	" "	35	5	1	5	2	1	4	2	3	1	4	3	6	5	2	2	..	1
Females	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	....	....	....	....	..	....	Lungs, Neuralgia of	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	..	....	Lupus	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	2	..	..	3	1	1	1	1	..	..	9	4	3	6	12	1	6	4	Malformation	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Males	..	..	..	2	..	..	3	1	..	1	..	..	..	7	2	....	4	4	1	3	1	"	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Females	..	..	..	..	..	..	..	..	1	..	1	..	..	2	2	3	2	7	....	3	3	"	2	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	.	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	1	....	....	....	Mania, Puerperal	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	1	..	..	2	1	..	..	1	..	5	....	....	1	....	....	1	....	Mania[b]	....	..	..	..	..	..	1	..	..	..	1	2	..	1	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	3	1	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	1	..	..	..	..	..	3	1	1	1	..	..	8	3	8	10	3	....	1	....	Marasmus	6	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Males	..	..	..	..	..	..	..	2	1	1	1	..	..	5	1	3	6	2	.. ..	....	....	"	4	..	..	..	..	..	..	..	..	.	..	1	..	..	..	..	..	..	..
Females	1	1	..	..	..	..	..	1	..	..	..	..	..	3	2	5	4	1	....	1	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Total	8	20	22	19	15	4	4	7	6	3	3	7	..	118	134	46	245	180	67	56	147	Measles	77	17	5	8	5	1	2	..	2	..	..	..	1	..	..	..	..	..
Males	5	11	10	12	5	..	2	5	1	1	1	3	..	56	61	21	109	76	38	26	84	"	40	8	2	4	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Females	3	9	12	7	10	4	2	2	5	2	2	4	..	62	73	25	136	104	29	30	63	"	37	9	3	4	4	1	2	..	1	..	..	..	1	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	2	....	....	....	Medicine taken by Mother	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	1	..	..	..	..	1	1	..	..	3	....	....	2	....	....	....	....	Melancholia	....	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	2	..	1	1	..	..	..	4	2	3	2	6	1	1	....	Mouth Disease	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	1	..	..	..	..	..	..	1	..	..	..	1	..	3	2	2	2	3	....	2	....	" "	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	1	..	..	..	..	..	..	..	..	1	..	3	1	....	1	....	....	4	....	Mouth, Nursing Sore	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	1	..	1	....	....	....	....	....	1	....	" " "	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	1	..	1	..	..	..	..	..	..	..	..	..	..	2	1	....	1	....	....	3	....	" " "	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	Mouth, Ulceration of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	..	..	1	2	..	..	..	..	2	..	..	6	1	7	5	8	8	....	....	Mumps	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	1	1	..	..	..	..	1	..	..	3	....	5	3	4	6	....	....	"	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	1	..	..	..	..	1	..	..	..	..	1	..	..	3	1	2	2	4	2	....	....	"	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	1	1	1	..	..	1	2	..	1	..	1	1	..	9	8	5	6	4	4	1	5	Murder	....	1	..	..	..	4	1	2	..	..	..	..	..	..	..	..	..	1
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	1	3	....	....	3	1	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	....	....	....	....	....	....	Navel, Disease of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	....	....	....	....	....	....	Necrosis [a]	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	4	..	1	..	..	..	..	..	1	..	1	..	7	1	2	2	....	....	2	....	Nerve Disease [b]	....	..	..	..	1	..	..	1	..	1	..	..	2	..	..	2	..	..
Males	..	2	..	..	..	..	..	..	..	1	..	..	..	3	....	....	....	....	....	1	....	" "	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..
Females	..	2	..	1	..	..	..	..	..	..	..	1	..	4	1	2	2	....	....	1	....	" "	....	..	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Nettle Rash	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Neuralgia in Head	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	1	..	..	..	..	1	..	1	1	..	4	6	3	14	8	7	7	7	Neuralgia	....	..	..	..	..	..	1	1	..	..	1	..	..	1	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	2	7	4	3	1	4	"	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	..	..	..	..	.	..	..	..	..	..	..	..	..	....	....	1	..	..	..	.	..	Paralysis of Stomach	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	9	17	19	16	17	18	15	20	27	23	23	24	2	230	170	169	170	154	144	15	120	Paralysis	8	..	1	..	4	6	6	5	9	5	14	12	26	24	45	27	26	2
Males	7	11	13	7	8	6	7	9	20	11	16	10	2	127	89	98	85	78	88	66	62	"	7	..	..	..	1	5	4	3	6	1	6	7	13	19	24	16	13	2
Females	2	6	6	9	9	12	8	11	7	12	7	14	..	103	81	71	85	76	56	49	58	"	1	..	1	..	3	1	2	2	3	4	8	5	13	15	21	11	13	..
Males	..	..	..	..	.	..	..	..	..	..	..	..	..	....	1	....	..	..	....	.	..	Paraplegia	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	.	..	..	..	..	..	..	..	..	....	....	....	..	..	....	2	..	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	1	..	..	..	.	..	..	..	..	..	..	..	..	1	....	....	..	..	....	.	..	Pelvic Cellulitis	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	.	1	..	..	..	..	..	2	..	3	....	....	..	1	....	.	..	Pericarditis	....	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	.	..	..	..	..	..	..	1	..	1	....	....	..	1	....	.	..	"	....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	..	.	1	..	..	..	..	..	1	..	2	....	....	..	..	....	.	..	"	....	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	.	..	..	..	..	..	..	..	..	....	1	....	..	..	....	.	..	Peritonitis, Chronic	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	..	1	....	.	..	" "	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	..	1	....	.	..	Peritonitis, Pelvic	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Total	1	1	1	..	..	..	1	..	..	2	2	..	..	8	13	8	9	11	6	5	5	Peritonitis	2	..	2	..	..	..	1	2	1	..	..	..	..	..	..	..	..	..
Males	1	1	..	..	..	..	..	..	..	1	1	..	..	4	6	5	1	3	4	3	2	"	2	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Females	..	..	1	..	..	1	..	..	1	1	..	..	4	7	3	8	8	2	2	3	"	....	..	1	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	..	....	.	..	Phlebitis	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Males	1	..	..	1	..	..	..	..	..	..	..	1	..	3	1	1	1	2	2	.	.	Piles	....	..	..	..	..	..	..	.	..	1	1	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	..	..	....	.	.	"	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	..	..	1	.	.	Pistol-shot	....	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Total	2	3	1	3	..	..	..	2	2	..	3	2	..	19	14	15	18	20	12	1	9	Pleurisy	3	..	..	2	..	..	..	3	3	..	..	2	4	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	....	....	....	....	....	Purpura Hemorrhagica	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	1	....	....	....	Pyæmia	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	1	....	....	....	....	....	"	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	1	..	..	1	1	..	..	..	..	..	1	4	5	5	5	8	2	1	3	Quinsy	....	....	..	..	..	..	..	1	..	1	1	1	..	..	..	..	..	..
Males	..	..	1	..	..	1	1	..	..	..	..	..	..	3	2	4	3	6	2	1	1	"	....	....	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	1	1	3	1	2	2	....	....	2	"	....	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	....	....	....	....	....	....	Rachitis	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	1	1	....	1	....	"	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	4	2	1	4	1	8	4	2	6	4	..	37	33	47	53	39	21	20	19	Railroad Accident	....	3	3	1	2	9	5	2	1	1	3	2	1	2	..	..	1	1
Males	..	1	4	2	1	4	1	8	4	1	6	4	..	36	30	45	51	38	20	19	17	" "	....	3	3	1	2	9	4	2	1	1	3	2	1	2	..	..	1	1
Females	..	..	..	..	..	..	..	..	..	1	..	..	..	1	3	2	2	1	1	1	2	" "	....	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Rape, Effects of	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Rash	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	....	1	....	"	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	Renal Calculus	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Rheumatism in Bowels	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	1	....	....	....	....	....	Rheumatism of Head	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	2	1	1	1	1	..	..	3	..	2	..	11	12	9	6	8	5	2	....	Rheumatism of Heart	....	5	..	..	..	..	1	..	..	..	..	1	..	1	2	1	..	..
Males	..	..	2	1	1	1	1	..	..	1	..	..	..	7	9	4	3	3	4	2	....	" "	....	3	..	..	..	..	1	..	..	..	..	1	..	..	1	1	..	..
Females	..	..	..	..	..	..	..	..	..	2	..	2	..	4	3	5	3	5	1	....	....	" "	....	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Total	2	3	5	1	1	1	..	2	1	..	..	2	..	18	16	27	27	31	15	14	....	Rheumatism, Inflam	1	2	3	2	1	..	1	1	2	..	..	..	3	..	..	..	..	3

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	19	33	22	21	30	12	6	9	12	15	12	15	..	206	207	206	283	273	371	419	122	Scarlet Fever	111	60	20	5	5	1	..	..	1	..	..	..	..	..	..	..	..	3
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	1	....	....	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	1	....	....	Scirrhosis	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	3	1	2	..	3	2	1	1	2	3	6	2	..	26	34	23	42	40	38	60	55	Scrofula	17	1	2	..	1	..	1	1	..	1	..	..	..	1	..	1	..	..
Males.....	1	..	1	..	2	1	1	1	1	3	3	1	..	15	24	11	23	28	16	33	32	"	10	..	2	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..
Females..	2	1	1	..	1	1	..	..	1	..	3	1	..	11	10	12	19	12	22	27	23	"	7	1	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..
Males.....	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	....	....	....	....	....	....	Scurvy	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	1	....	....	Sea-sickness	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	1	1	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	1	..	..	..	..	..	1	..	..	..	..	..	..	2	....	....	....	1	....	....	....	"Self Abuse"	....	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Septicæmia	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Shock	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	1	....	....	"Shot Himself"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	....	....	....	....	....	....	Sickness of Mother	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Skin Disease	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	2	....	....	....	....	....	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	8	5	6	8	5	5	6	2	1	3	11	16	..	76	26	18	90	302	73	9	42	Small-pox	30	13	4	5	7	5	4	3	1	3	..	..	..	..	..	1	..	..
Males	5	3	3	5	4	1	3	1	1	1	7	9	..	43	20	11	49	172	48	6	21	"	16	9	1	2	5	4	2	2	1	1	..	..	..	..	..	..	..	..
Females..	3	2	3	3	1	4	3	1	..	2	4	7	..	33	6	7	41	130	25	3	21	"	14	4	3	3	2	1	2	1	..	2	..	..	..	..	..	1	..	..
Males	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	....	2	....	....	....	Snake-bite	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.															
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	....	....	....	....	Starvation	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	2	....	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	43	44	55	48	51	54	50	59	58	47	67	69	1	646	629	464	274	204	268	226	129	Still-born	646	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	25	27	24	25	32	34	28	33	31	30	33	34	..	356	344	257	153	109	161	125	64	"	356	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	17	14	28	21	19	16	21	22	25	16	29	29	1	258	245	181	112	81	96	82	50	"	258	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unknown	1	3	3	2	..	4	1	4	2	1	5	6	..	32	40	26	9	14	11	19	15	"	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	1	..	1	..	1	5	2	4	..	1	4	..	20	12	19	11	13	14	16	11	Stomach Disease	4	..	..	1	..	..	..	2	..	1	3	1	2	..	2	2	2	..
Males	1	1	..	1	..	1	3	..	2	..	..	1	..	10	5	10	7	9	9	8	4	" "	4	..	..	..	..	..	..	..	..	..	2	..	..	..	1	2	1	..
Females	..	..	..	..	..	..	2	2	2	..	1	3	..	10	7	9	4	4	5	8	7	" "	....	..	..	1	..	..	..	2	..	1	1	1	2	..	1	..	1	..
Total	..	1	..	1	2	2	4	5	2	2	..	3	..	22	27	24	36	29	24	23	15	Stomach, Inflammation of	3	..	1	..	..	2	2	1	1	1	3	..	5	..	..	1	2	..
Males	..	..	..	1	..	2	2	3	2	1	..	3	..	14	10	7	15	11	9	11	5	" " "	2	..	1	..	..	1	..	1	..	..	2	..	4	..	..	1	2	..
Females	..	1	..	..	2	..	2	2	..	1	..	..	..	8	17	17	21	18	15	12	10	" " "	1	..	..	..	..	1	2	..	1	1	1	1	..	1	..	..	..	..
Females	..	..	1	..	..	..	..	1	1	..	..	..	..	3	....	....	....	....	....	....	....	Stomach, Neuralgia of	....	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Stomach, Softening of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	2	3	1	..	1	..	7	8	5	8	5	2	3	1	Stomach, Ulceration of	2	..	..	..	..	..	..	..	..	1	..	2	1	1	..	..	..	..
Males	..	..	..	..	..	..	2	3	..	..	..	..	5	6	2	6	2	1	2	1	" " "	1	..	..	..	..	..	..	..	..	..	1	..	2	1	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	1	..	1	..	2	2	3	2	3	1	1	....	" " "	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Females	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	....	....	1	....	....	....	Stomatitis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	1	....	1	....	1	....	Stone in Bladder	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Total	..	..	1	..	1	..	..	1	1	1	2	..	..	7	2	5	8	2	....	3	....	Strangulation	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Males	..	..	1	..	..	..	..	..	1	..	1	..	..	3	2	4	7	....	....	3	....	"	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	1	1	3	2	1	4	6	8	5	2	2	2	1	38	34	48	46	51	40	40	45	Teething	36	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	1	....	....	Terror during Fire	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	1	....	....	Testicles, Enlargement of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	..	1	..	..	1	..	..	..	..	..	2	....	5	3	3	1	....	....	Tetanus (Lock-jaw)	....	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	4	2	2	1	....	....	" " "	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	1	1	....	....	....	" " "	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	2	5	8	Tetanus	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	....	3	....	....	....	2	"	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Total.....	2	1	1	1	2	1	..	1	2	3	2	5	..	21	7	18	31	18	21	19	23	Throat Disease	9	3	1	..	..	3	..	..	1	1	..	..	..	2	..	1	..
Males.....	1	1	1	..	..	1	..	..	2	3	1	3	..	13	3	11	15	10	9	10	12	" "	6	1	1	..	..	..	..	..	1	1	..	..	..	2	..	1	..
Females..	1	..	..	1	2	..	..	1	..	..	1	2	..	8	4	7	16	8	12	9	11	" "	3	2	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	2	..	..	..	..	1	..	..	1	..	4	3	....	....	1	....	....	....	Throat, Inflammation of	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	2	..	..	..	..	..	..	..	1	..	3	1	....	....	1	....	....	....	" " "	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	....	....	....	....	....	....	" " "	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	....	....	Throat, Paralysis of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	..	..	2	4	1	4	4	1	..	..	16	6	3	2	4	....	....	....	Throat, Putrid Sore	8	1	2	1	1	1	..	..	..	..	..	..	..	2	..	..	..	..
Males.....	..	..	..	..	..	2	1	..	3	1	..	..	..	7	4	1	1	3	....	....	....	" " "	4	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	3	1	1	3	1	..	..	..	9	2	2	1	1	....	....	....	" " "	4	..	2	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Males.....	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....	1	....	....	....	Throat, Ulceration of	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	2	....	....	....	....	1	....	" " "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	..	..	..	..	..	1	2	1	1	..	..	..	..	5	11	8	6	11	7	20	5	Thrush	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	Tumor on Neck	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	" " "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	Tumor, Operation for	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	Tumor on Shoulder	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	1	..	..	1	..	..	..	..	..	1	..	3	2	..	..	..	..	..	..	Tumor in Side	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	" " "	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Females	..	..	1	..	..	1	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	" " "	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	Tumor on Spine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	1	1	1	..	..	..	..	1	..	..	..	5	8	3	6	4	3	..	..	Tumor in Stomach	..	1	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..
Males	..	..	1	..	1	..	..	..	..	..	..	..	..	2	2	3	3	1	2	..	..	" " "	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Females	..	1	..	1	..	..	..	..	..	1	..	..	..	3	6	..	3	3	1	..	..	" " "	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	1	1	..	..	Tumor on Throat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	1	1	1	..	..	..	" " "	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	2	3	..	1	..	2	1	2	3	1	..	16	19	19	21	12	19	14	17	Tumor (Unspecified)	1	1	..	1	..	2	..	..	2	2	2	2	1	..	..	1	..	1
Males	..	..	..	..	..	..	..	1	..	..	..	1	..	2	5	6	8	3	8	6	4	" "	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Females	..	1	2	3	..	1	..	1	1	2	3	..	..	14	14	13	13	9	11	8	13	" "	..	1	..	1	..	2	..	..	2	1	2	2	1	..	..	1	..	1
Females	..	..	..	..	..	..	..	1	2	..	..	1	..	4	3	4	4	1	3	3	1	Turn of Life	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	Tympanitis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	Ulcer on Lungs	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Males	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	" " "	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Females	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	" " "	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..

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TABLE XVII.—CONTINUED.—*Specified Causes of Death.*

SEX.	MONTHS, 1876.												YEARS.								CAUSES OF DEATH.	AGES IN PERIODS OF YEARS.—1876.																													
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1876.	1875.	1874.	1873.	1872.	1871.	1870.	1869.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	....	1	....	Venereal Mortification of Penis	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	....	1	....	Wen on Neck	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	3	2	1	....	....	Whisky	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	1	....	....	....	....	"	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	4	2	1	1	1	3	White Swelling	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	1	....	....	....	2	1	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	6	8	9	14	8	14	32	37	17	21	9	6	..	181	101	153	206	192	68	119	158	Whooping-cough	162	8	7	1	1	..	..	1	..	..	..	..	..	..	..	..	1
Males	4	3	4	5	5	8	15	19	8	11	5	2	..	89	43	66	105	102	32	55	78	" "	79	6	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	2	5	5	9	3	6	17	18	9	10	4	4	..	92	58	86	101	89	36	64	80	" "	83	2	3	1	1	..	..	1	..	..	..	..	..	..	..	..	..	1
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	1	....	....	....	" "	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	1	..	..	3	2	..	..	..	..	6	5	7	2	8	9	5	10	Worms	4	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	2	1	..	..	..	..	3	....	2	1	3	3	3	5	"	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	1	..	..	1	1	..	..	..	..	3	5	5	1	5	6	2	5	"	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	1	..	..	..	..	..	..	1	2	....	....	....	....	....	....	Wounds, Army	....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Wound of Foot	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Wound in Leg	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Wound on Shoulder	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	1	....	....	....	Wound in U. S. Service	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	1	....	....	Wound in War	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	....	....	1	Wound in War of 1812	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	1	1	1	..	1	..	..	..	..	1	..	..	5	1	2	5	3	....	1	1	Wounds	....	..	..	..	1	..	..	1	..	1	..	2	..	..	..	..	..

Two hundred and twenty-two (222) deaths were returned as having occurred in 1876 from causes compiled as Casualty in Table XVII., and specified in Exhibit R. These causes are stated as specified, in the hope that in some way this may aid toward the prevention hereafter of deaths from some of these causes.

EXHIBIT R.—*Deaths in Michigan in 1876, Compiled as Casualty.*

CASUALTY,—CAUSES AS RETURNED.	Deaths, 1876.
Total number tabulated as Casualty in Table XVII.	222
By accident of fire	1
Accident	74
Blasted in mine	2
Killed on tram-road	1
Crushed in mine	1
Fell in mine	1
Powder blast	1
Rock falling on him in mine	1
Accidentally killed by falling rock	1
Hurt in back in mine	1
Accident—falling from a tree	2
Killed by a saw-log	1
Shot himself by accident	6
Crushed by a wagon-box falling	1
Explosion of steam-boiler in mill	2
Injury	3
Killed in saw-mill	3
Swallowing a button	1
Killed in a well	2
Accidental wound in throat	1
Caused by a wagon	1
Run over by a wagon	2
Killed by his team	1
Injury in mill	1
Killed by a horse	2
Accidental fall of brick to sidewalk	1
Accidental scalding	2
Concussion of spine—accidental fall from wagon	1
Accidental gun-shot wound	2
Accidental fall from wagon	4
Accident—fracture of skull	1
Shock, from accident	1
Accidentally killed by falling on saw	1
Accidental—team running away	3
Breaking rollway of logs	1
Shot accidentally	14
Killed	4
Killed by a machine	1
Blow on the head	1
Blow on the bowels	1
Accidental fall	6
Internal injuries caused by jumping	1
Hurt in the neck	1
Killed by accident at barn raising	1
Accidental—an ax cutting back part of head whole width of ax-bit-lived 10 days	1
Fall eight feet—paralysis of spine	1
Team run into him	1
Log rolled over	1
Killed accidentally by barn door	1
Killed in raising a building	1
By fall of stick of timber	1
Kicked by a horse	4
Premature discharge of cannon	1
Killed by circular saw	1
Thrown from wagon	3
Contusion of brain	1
Bite of horse	1
Injury received in machine shop	1
Caused by hurt	1
Fell on knife—cut his throat	1
Killed in mill	3
Thrown from a horse	2
Accidental breaking of hip	1
Run over by wagon while intoxicated	1
Killed by a cow	1
Supposed internal rupture resulting from a sudden fall	1
Steam boiler explosion	5
Crushed by a wagon	1
Hurt at birth	1
Internal injury	1
Taking overdose of medicine—accident	1
Killed by overturning of a load of lumber	1
Burned by gas explosion in gas factory	1
Burned by explosion of kerosene oil	1
Broken leg—accidental	1
Hanged by accident	1
Killed by a bull	1
Accidental poison	1
Killed by falling into a well	1
Accident—run over by steam fire engine	1
Boiler explosion in paper-mill	1
Fell from load of straw	1
Crushed in saw-mill	1
Killed by a mower	1
Fell, getting off the cars	1
Nail run in foot	1
By stepping on a stone	1
Killed by the falling of a barn	1
Falling through hatchway	1
Killed by falling of a scaffold	1
Thrown from carriage	1
Killed off own steps	1
Run over	1
Fracture of skull by falling off cars	1

EXHIBIT 9.—*Certain facts concerning Persons Returned as having died by Suicide in Michigan during the Year 1876.*

Month.	Day.	Age.	Condition.	Sex.	Color.	Occupation.	Nativity.	Means Used.
January	31	80	M.	M.	W.	Farmer	Vermont	Hanging.
January	31	26	M.	M.	W.	Marble-cutter	Michigan	Morphine.
January	12	59	M.	M.	W.	Farmer	Michigan	Drowning.
February	28	35	W.	M.	W.	Grocer	Ohio	Hanging.
March	19	54	M.	M.	W.	Not Given	Germany	Not Given.
March	11	31	Unk.	F.	W.	Housekeeper	New York	Not Given.
March	7	65	M.	M.	W.	Musician	Austria	Not Given.
April	27	15	S.	F.	W.	Unemployed	New York	Drowning.
April	7	31	M.	M.	W.	Farmer	Michigan	Shooting.
April	16	30	M.	M.	W.	Not Given	New York	Gun-shot.
April	30	47	M.	M.	W.	Farmer	Ohio	Corros. Sublimate.
April	21	29	M.	M.	W.	Soldier	Canada	Not Given.
April	28	28	S.	M.	W.	Farmer	Michigan	Not Given.
April	15	19	S.	M.	W.	Laborer	Michigan	Not Given.
May	6	68	M.	M.	W.	Farmer	New York	Poison.
May	29	Unk.	S.	M.	W.	Teamster	Canada	Hanging.
May	25	48	Unk.	M.	W.	"Saloon"	Canada	Rat-poison.
May	16	52	M.	M.	W.	Farmer	Michigan	Gun-shot.
May	24	55	M.	M.	W.	Farmer	Canada	Paris Green.
May	22	18	S.	F.	W.	Unemployed	Michigan	Drowning.
May	21	76	U.	F.	W.	Unknown	Poland	Not Given.
June	13	44	M.	M.	W.	Laborer	Norway	Not Given.
June	29	38	M.	M.	W.	Laborer	Germany	Poison.
June	5	42	M.	M.	W.	Not Given	Holland	Hanging.
June	16	36	M.	M.	W.	Laborer	New York	Not Given.
June	30	50	M.	M.	W.	Farmer	Pennsylvania	Drowning.
June	24	45	Unk.	M.	W.	Lumberman	Unknown	Poison.
June	10	55	M.	M.	W.	Farmer	Pennsylvania	Not Given.
June	17	40	M.	M.	W.	Farmer	New York	Hanging.
July	12	48	M.	M.	W.	Farmer	England	Drowned.
July	9	38	M.	M.	W.	Laborer	Ohio	Hanging.
August	9	31	M.	M.	W.	Shoemaker	England	Not Given.
August	15	75	M.	M.	W.	Moulder	Vermont	Morphine.
August	11	21	M.	F.	W.	Housekeeper	New York	Drowning.
August	23	Unk.	S.	M.	W.	Farmer	England	Not Given.
September	2	29	M.	F.	W.	Housekeeper	Ohio	Poison.
September	20	34	M.	M.	W.	Farmer	New York	Not Given.
September	30	32	M.	M.	W.	Farmer	Michigan	Poison.

EXHIBIT 9.—CONTINUED.—*Suicidal Deaths, 1876.*

MONTH.	Day.	Age.	Condition.	Sex.	Color.	Occupation.	Nativity.	Means Used.
September	18	32	S.	M.	W.	Hotel Clerk	New York	Arsenic.
September	12	35	S.	M.	W.	Unemployed	Vermont	"Piston."
October	Unk.	24	M.	F.	W.	Prostitute	Michigan	Opium.
October	29	54	M.	M.	W.	Machinist	Canada	Not Given.
October	27	34	M.	M.	W.	Farmer	Germany	Poison.
October	26	46	M.	M.	W.	Laborer	Germany	Not Given.
October	1	38	W.	F.	W.	House-wife	New York	Poison.
October	26	45	M.	M.	W.	Farmer	Michigan	Shot himself.
November	6	23	S.	M.	W.	Farmer	Michigan	Pistol-shot.
November	20	58	M.	F.	W.	Farmer's wife	Michigan	Hanging.
November	3	50	M.	M.	W.	"Currine"	Ireland	Poison.
November	6	50	S.	M.	W.	Currier	Ireland	Poison.
November	8	Unk.	S.	M.	W.	Farmer	Michigan	Poison.
December	31	28	S.	M.	W.	Druggist	Maine	Shooting.
December	27	62	W.	F.	W.	Domestic	England	Hanging.
December	3	39	M.	F.	W.	Unemployed	Michigan	Poison.

OCCUPATIONS.	No.	OCCUPATIONS.	No.	OCCUPATIONS.	No.
Currier	1	House-wife	1	Shoemaker	1
"Currine"	1	Laborers	6	Soldier	1
Domestic	1	Lumberman	1	Teamster	1
Druggist	1	Machinist	1	Unemployed	4
Farmer's Wife	1	Marble-cutter	1	Unknown	4
Farmers	19	Moulder	1		
Grocer	1	Musician	1	Total	54
Hotel Clerk	1	Prostitute	1		
Housekeepers	3	"Saloon"	1		

NATIVITY.	No.	NATIVITY.	No.	NATIVITY.	No.
Austria	1	Maine	1	Poland	1
Canada	5	Michigan	14	Unknown	1
England	4	New York	10	Vermont	3
Germany	4	Norway	1		
Holland	1	Ohio	4	Total	54
Ireland	2	Pennsylvania	2		

EXHIBIT 9.—CONTINUED.—*Suicidal Deaths, 1876.*

MEANS USED.	NUMBER.		MEANS USED.	NUMBER.		MEANS USED.	NUMBER.	
	Males.	Females.		Males.	Females.		Males.	Females.
Drowning	3	3	Opium	------	1	Shooting	6	------
Hanging	6	2	"Piston"	1	------	Unknown	13	2
Morphine	2	------	Poison	12	3	Total	43	11

The fifteen principal causes of death included in Table XVIII. represent more than half of the number of deaths in this State in 1876, according to the returns. Consumption heads the list, having caused 12.64 per cent of all the deaths returned for 1876. More females than males died from consumption in each of the years 1869–1876. In this connection it is well to remember that in the population of Michigan the males greatly outnumber the females.

TABLE XVIII.—*Order of Succession of Fifteen Principal Conditions and Causes of Death in Michigan in 1876, According to the Returns, Exhibiting for Each Specified Cause, by Sex, the Number of Deaths, and the Per Cent of Deaths from Each Cause to Deaths from All Causes.*

ORDER.	SPECIFIED CAUSES AND CONDITIONS, 1876.	NUMBER OF DEATHS.			PER CENT FROM EACH CAUSE TO DEATHS FROM ALL CAUSES.		
		Total.	Males.	Females.	Total.	Males.	Females.
1	Consumption	1,590	700	890	12.64	10.36	15.45
2	Still-born	[a] 646	356	258	5.14	5.27	4.48
3	Pneumonia	627	364	263	4.99	5.39	4.57
4	Old Age	483	228	255	3.84	3.37	4.43
5	Fever, Typhoid	426	233	193	3.39	3.45	3.35
6	Scarlet Fever	[b] 399	193	206	3.10	2.86	3.58
7	Apoplexy and Paralysis	337	188	149	2.68	2.78	2.59
8	Cholera Infantum	331	179	152	2.63	2.65	2.64
9	Heart Disease	320	185	135	2.54	2.74	2.34
10	Diphtheria	311	154	157	2.47	2.28	2.73
11	Diarrhea (Acute and Chronic)	[c] 304	170	132	2.42	2.52	2.29
12	Brain, Inflammation of	275	148	127	2.18	2.19	2.20
13	Convulsions and Fits	275	149	126	2.19	2.21	2.19
14	Cancer	245	122	123	1.95	1.81	2.14
15	Bowels, Inflammation of	[c] 239	126	111	1.90	1.87	1.93
	Total	[d] 6,808	3,495	3,277	54.13	51.73	56.88
	All Causes	[e] 12,576	6,756	5,761	100.00	100.00	100.00

[a] Includes 32 unknown sex. [b] Includes 2 "Scarlet Rash," and 1 "Canker Rash." [c] Includes unknown sex. [d] Includes 36 unknown sex. [e] Includes 59 unknown sex.

EXHIBIT T.—*Order of Succession of Fifteen Principal Causes of Death in Michigan for each of the Years 1870-1876.*

Order.	1870.	1871. [a]	1872.	1873.	1874.	1875.		1876.	
1	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	1,479	Consumption	1,590
2	Scarlet Fever	Scarlet Fever	Pneumonia	Pneumonia	Pneumonia	Pneumonia	745	Still-born	646
3	Typhoid Fever	Pneumonia	Typhoid Fever	Typhoid Fever	Typhoid Fever	Still-born	629	Pneumonia	627
4	Diarrhea	Old Age	Scarlet Fever	Scarlet Fever	Still-born	Typhoid Fever	433	Old Age	483
5	Pneumonia	Typhoid Fever	Dysentery	Old Age	Scarlet Fever	Scarlet Fever	423	Typhoid Fever	426
6	Dysentery	Casualty	Diarrhea	Spinal Fever	Old Age	Old Age	373	Scarlet Fever	399
7	Old Age	Convulsions and Fits	Old Age	Diarrhea	Diarrhea	Cholera Infantum	289	Apoplexy and Paralysis	337
8	Convulsions and Fits	Heart Disease	Cholera Infantum	Brain, Infl. of	Heart Disease	Heart Disease	289	Cholera Infantum	331
9	Heart Disease	Diarrhea	Brain, Infl. of	Heart Disease	Dysentery	Diarrhea	283	Heart Disease	320
10	Dropsy	Brain, Infl. of	Convulsions and Fits	Dysentery	Cholera Infantum	Apoplexy and Paral.	259	Diptheria	311
11	Brain, Infl. of [b]	Apoplexy and Paral.	Small-pox	Cholera Infantum	Brain, Infl. of	Convulsions and Fits	258	Diarrhea	304
12	Brain Disease	Dropsy	Heart Disease	Convulsions and Fits	Convulsions and Fits	Brain, Inflam. of	232	Brain, Infl. of	275
13	Bowels, Infl. of [c]	Bowels, Infl. of	Bowels, Infl. of	Bowels, Infl. of	Apoplexy and Paral.	Bowels, Inflam. of	218	Convulsions and Fits	275
14	Cholera Infantum	Brain Disease	Apoplexy and Paral.	Childbirth	Dropsy	Casualty	215	Cancer	241
15	Casualty	Dysentery	Childbirth	Apoplexy and Paral.	Diphtheria	Dropsy	215	Bowels, Infl. of	239

[a] This is somewhat different from the similar Exhibit in Report for 1871, because Convulsions and Fits are here combined, as are also Apoplexy and Paralysis, thus changing the order of succession.

[b] "Cephalitis" in Reports previous to 1871.

[c] "Enteritis" in Reports previous to 1871.

TABLE XIX.—*Deaths from Ten Specified Causes, Returned as having occurred in Michigan, during the Year 1876, Exhibiting the Number of each Sex, Total Number in each Month, and at Different Periods of Age.*

SEX, MONTHS, AND AGES.		CAUSES OF DEATH IN 1876.									
		Cancer.	Cephalitis.	Croup. [b]	Diarrhea. [c]	Diphtheria.	Dysentery. [d]	Measles.	Scarlet Fever. [e]	Typhoid Fever.	Whooping-cough.
SEX.	Total	241	275	178	304	311	195	118	399	426	181
	Males	118	148	105	170	154	106	56	193	233	89
	Females	123	127	73	132	157	89	62	206	193	92
	Unknown	-------	-------	-------	2	-------	-------	-------	-------	-------	-------
MONTHS.	January	22	10	21	6	24	3	8	39	18	6
	February	8	19	12	6	16	1	20	56	18	8
	March	17	20	12	4	21	3	22	50	19	9
	April	17	21	9	4	12	4	19	48	20	14
	May	23	18	7	9	14	5	15	55	17	8
	June	13	16	3	12	13	9	4	26	19	14
	July	21	26	2	69	12	24	4	12	29	22
	August	23	46	12	98	24	77	7	20	54	37
	September	31	39	21	60	39	50	6	17	82	17
	October	28	18	25	20	51	11	3	23	66	21
	November	20	18	28	6	46	4	3	24	49	9
	December	18	23	25	9	38	4	7	29	34	6
	Unknown	-------	1	1	1	1	-------	-------	-------	1	-------
	Av. Month [a]	20	23	15	25	26	16	10	33	35	15
AGES.	Under 5	15	181	151	261	140	142	77	224	45	163
	5 to 10	-------	33	20	8	103	6	17	110	26	8
	10 to 15	3	15	5	1	34	2	5	34	32	7
	15 to 20	2	11	-------	2	9	3	8	15	57	1
	20 to 25	3	3	-------	2	5	4	5	7	53	1
	25 to 30	5	4	-------	3	1	1	1	1	36	-------
	30 to 35	9	2	-------	2	5	2	2	2	14	-------
	35 to 40	12	2	-------	-------	3	3	-------	-------	29	1
	40 to 45	17	3	-------	3	1	1	2	1	19	-------
	45 to 50	17	3	-------	-------	-------	2	-------	2	18	-------
	50 to 55	33	7	-------	2	1	2	-------	-------	11	-------
	55 to 60	34	3	-------	3	-------	4	-------	-------	20	-------
	60 to 65	27	2	-------	2	-------	3	1	-------	13	-------
	65 to 70	23	4	-------	2	1	4	-------	-------	22	-------
	70 to 75	14	1	-------	3	1	8	-------	-------	14	-------
	75 to 80	9	-------	-------	2	-------	4	-------	-------	4	-------
	80 and over	15	1	-------	3	-------	2	-------	-------	2	-------
	Unknown	3	-------	2	5	7	2	-------	3	12	1

[a] Excluding deaths in unknown month. [b] Includes 21 "Membranous Croup." [c] Includes 15 "Chronic." [d] Includes 1 "Chronic." [e] Includes 2 "Scarlet Rash," and 1 "Canker Rash."

TABLE XX.—*Per Cent of Deaths Returned as having occurred in Michigan during the Year ending December 31, 1876, from each of Ten Specified Causes to Deaths from All Causes; and Per Cent of each Sex, of Deaths in each Month and at Different Periods of Life, to Total Deaths from each Specified Cause.*

SEX, MONTHS, AND AGES.		TEN CAUSES OF DEATH IN 1876,—PER CENT.									
		Cancer.	Cephalitis.	Croup.	Diarrhœa.	Diphtheria.	Dysentery.	Measles.	Scarlet Fever.	Typhoid Fever.	Whooping Cough.
Per Ct. of All Causes.		1.92	2.19	1.42	2.42	2.47	1.55	.94	3.17	3.39	1.44
SEX.	Males	48.96	53.82	58.99	55.92	49.52	54.36	47.46	48.37	54.69	49.17
	Females	51.04	46.18	41.01	43.42	50.48	45.64	52.54	51.63	45.31	50.83
	Unknown	.....	.....	.....	.66	.....	.....	.....	.....	.....	.....
MONTHS.	January	9.13	3.64	11.80	1.97	7.72	1.54	6.78	9.77	4.23	3.31
	February	3.32	6.91	6.74	1.97	5.14	.51	16.95	14.04	4.23	4.42
	March	7.05	7.27	6.74	1.32	6.75	1.54	18.64	12.53	4.46	4.97
	April	7.05	7.64	5.06	1.32	3.86	2.05	16.10	12.03	4.69	7.73
	May	9.54	6.55	3.93	2.96	4.50	2.56	12.71	13.79	3.99	4.42
	June	5.39	5.82	1.69	3.95	4.18	4.62	3.39	6.51	4.46	7.73
	July	8.71	9.45	1.12	22.70	3.86	12.31	3.39	3.01	6.81	17.68
	August	9.54	16.73	6.74	32.24	7.72	39.49	5.93	5.01	12.68	20.44
	September	12.86	14.18	11.80	19.74	12.54	25.64	5.08	4.26	19.25	9.39
	October	11.62	6.55	14.04	6.58	16.40	5.64	2.54	5.76	15.49	11.00
	November	8.30	6.55	15.73	1.97	14.79	2.05	2.54	6.02	11.50	4.97
	December	7.47	8.36	14.04	2.96	12.22	2.05	5.93	7.27	7.98	3.31
	Unknown	.....	.36	.56	.33	.32	.....	.....	.....	.23	.....
	Av. Month[a]	8.33	8.30	8.29	8.31	8.31	8.33	8.33	8.33	8.31	8.33
AGES.	Under 5	6.22	65.82	84.83	85.86	45.02	72.82	65.25	56.14	10.56	89.50
	5 to 10	.....	12.00	11.24	2.63	33.12	3.08	14.41	27.57	6.10	4.42
	10 to 15	1.24	5.45	2.50	.33	10.93	1.03	4.24	8.52	7.51	3.88
	15 to 20	.83	4.00	.....	.66	2.89	1.54	6.78	3.76	13.38	.55
	20 to 25	1.24	1.09	.....	.66	1.61	2.05	4.24	1.75	12.21	.55
	25 to 30	2.07	1.45	.....	.99	.32	.51	.85	.25	8.45	.....
	30 to 35	3.73	.73	.....	.66	1.61	1.03	1.69	.50	3.29	.....
	35 to 40	4.98	.73	.....	.....	.91	1.54	.....	.....	6.81	.55
	40 to 45	7.05	1.09	.....	.99	.32	.51	1.69	.25	4.46	.....
	45 to 50	7.05	1.09	.....	.....	.....	1.03	.....	.50	4.23	.....
	50 to 55	13.69	2.55	.....	.66	.32	1.03	.....	.....	2.58	.....
	55 to 60	14.11	1.09	.....	.99	.....	2.05	.....	.....	4.69	.....
	60 to 65	11.20	.73	.....	.66	.....	1.54	.85	.....	3.05	.....
	65 to 70	9.54	1.45	.....	.66	.32	2.05	.....	.....	5.16	.....
	70 to 75	5.81	.36	.....	.99	.32	4.10	.....	.....	3.29	.....
	75 to 80	3.73	.....	.....	.66	.....	2.05	.....	.....	.94	.....
	80 and over	6.22	.36	.....	.99	.....	1.03	.....	.....	.47	.....
	Unknown	1.24	.....	1.12	1.64	2.25	1.03	.....	.75	2.82	.55

[a] Excluding deaths in unknown month.

The ten causes of death tabulated in Tables XIX. and XX. are the same as are tabulated in the corresponding tables in previous Reports. They are separately studied farther on in this Report, most of them being taken up in alphabetical order, though this order is not maintained with reference to consumption, which is carried over to be considered in connection with pneumonia, and tables relative to meteorological conditions, deaths from all causes, etc., are inserted so as to precede the consideration of some of the causes specified in Tables XIX. and XX.

Cancer.—This disease was reported to have caused 241 deaths in Michigan in 1876,—1.92 per cent of the deaths from all causes. In each of the years 1869–1876, there was an excess of females among the decedents from cancer, the average annual excess for the eight years being 22. In 1876 the excess is smaller than in any previous year. Nearly one-quarter of all the deaths from cancer in 1876 occurred in the two months of September and October; and 39 per cent were of persons between the ages of 50 and 65 years. Of the 241 deaths from this disease in 1876, the part affected was stated in 146 cases, and of the other 95 the part affected was unspecified. Cancer of stomach was most frequent, 65 cases having been returned, as shown by Exhibit S, below. The breast was next most frequently affected by cancer, 20 cases having been reported for 1876. Exhibit S facilitates the study of this subject.

EXHIBIT S.—*Deaths from Cancer Returned as having occurred in Michigan during the Year 1876, indicating part of body affected.*

As Returned.	Total.	Males.	Females.	As Returned.	Total.	Males.	Females.
Cancer in Stomach	65	42	23	Cancer of Throat	2	.....	2
Cancer of Womb	9	.....	9	Cancer on Lungs	1	.....	1
Cancer of Liver	5	3	2	Cancer tumor in Bowels	1	1	.....
Cancer in Mouth	5	5	.....	Cancer in Bladder	1	1	.....
Cancer of Face	11	7	4	Cancer of Rectum	1	1	.....
Cancer on Breast	20	2	18	Cancer of Heart	1	.....	1
Cancer in the Eye	3	2	1	Cancer in Hip	1	.....	1
Cancer in Head	1	1	.....	Cancer in Chest	2	1	1
Cancer on Lip	6	6	.....				
Cancer of Bowels	6	1	5	Total Specified	146	75	71
Cancer in Pancreas	1	.....	1	Cancer (Unspecified)	95	43	52
Cancer, Internal	2	1	1				
Cancer in the Arm	2	1	1	Aggregate	241	118	123

Exhibit Z is a new one, published in this Report for the first time, and shows the reported causes of certain deaths which were compiled with the unknown in Table XVII. An examination of the exhibit will show the various names returned as causes of deaths which could not be interpreted with certainty; and it is hoped that the number of deaths compiled as having occurred from unknown causes will be decreased in future Reports, as it may be by a little effort on the part of the enumerators to ascertain the specific cause of each death reported.

EXHIBIT Z.—*Deaths in Michigan in 1876, Compiled as Unknown.*

CAUSES AS RETURNED.	Number.	CAUSES AS RETURNED.	Number.
Total number compiled Unknown in Table XVII	1,229	Inflammation Side	1
		Puerperal Exhaustion	1
Head Disease	3	Puerperal Omissions	1
Black Canker	1	Congestion of System	1
Complication of Diseases	3	Neglect	1
Urine Trouble	1	Enlargement of Receptive Organs	1
Swelling in Side	1	Consumption of Nerves	1
Congestion	9	Private Disease	1
Pain in Side	1	Bone Frost	1
Female Weakness	1	Wasted Away	3
Running Evil	1	Malaria	2
Congestion of Blood	1	Dropsy of Stomach	3
Malarial Congestion	1	Exhaustion	7
Sore Head and Face	1	Unknown	1,190
"Tung"	1		

Cephalitis.—Two hundred and seventy-five (275) deaths were returned as having been caused by cephalitis in Michigan in 1876,—148 males and 127 females. In each of the years 1869–1876, except 1870, there was an excess of deaths of males from this disease. The largest per cent in 1876 is shown for the month of August; and 65.82 per cent of all the decedents from cephalitis were under five years of age. Of the deaths from all causes in this State in 1876, 2.19 per cent were caused by cephalitis.

Measles.—This disease was reported to have caused 118 deaths in this State in 1876, which was 94 per cent of the deaths from all causes. The largest per cent occurred in March, and 64.40 per cent of the deaths from measles died in the four months of February, March, April, and May. A very large proportion of the decedents from this disease were children, 65.25 per cent being under five years of age, and 79.66 per cent being under ten years of age. These are nearly the same proportions as are shown for cephalitis.

Whooping-cough.—According to the returns, 181 deaths from whooping-cough occurred in this State in 1876,—1.44 per cent of the deaths from all causes. More than one-fifth of these died in August, and 89.50 per cent were under five years of age. The number of deaths from this disease in 1876 was greater than in any previous year except 1872 and 1873; and there was an excess of females in each year except these two.

METEOROLOGICAL CONDITIONS, AND THEIR RELATIONS TO DEATHS.

Before continuing the study of the other causes of death specified in Tables XIX. and XX., tables and diagrams stating the principal meteorological conditions at a station near the center of the thickly-settled part of the State are here inserted, as also tables showing the deaths from all causes by months and their relations to coincident conditions.

EXHIBIT 10.—TEMPERATURE.—*Average by Years and by Months, for the Years 1867 to 1876, inclusive, at the Agricultural College, near Lansing, Michigan, and near the center of the thickly-settled part of the State. (Results of Observations by Prof. R. C. Kedzie.)*

YEARS.	ANNUAL AVERAGE.	AVERAGE TEMPERATURE, STATED IN DEGREES FAHRENHEIT, BY MONTHS.										
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1867	46.96	17.61	30.89	29.72	48.20	51.11	71.61	71.60	69.78	56.60	50.60	40.44	25.31
1868	46.35	19.00	18.72	37.80	43.68	59.08	68.46	77.19	70.33	58.77	45.19	36.77	21.16
1869	46.27	29.38	26.66	27.60	45.70	56.02	64.45	70.35	70.58	63.45	40.80	32.05	28.16
1870	49.11	25.37	24.25	30.28	50.39	64.32	70.87	74.40	70.11	63.66	52.45	38.40	24.89
1871	47.93	24.75	25.65	38.18	50.13	61.39	68.21	70.60	71.19	58.10	53.91	31.95	21.12
1872	45.54	21.59	21.34	24.75	47.39	58.48	71.82	74.91	71.22	62.03	47.44	29.80	15.74
1873	44.54	15.87	19.10	28.30	43.17	56.98	70.60	70.82	69.49	57.38	44.68	28.49	29.54
1874	47.32	27.70	25.51	32.30	36.87	59.58	70.61	72.02	69.39	62.85	49.10	35.00	26.96
1875	43.09	12.87	8.35	26.20	41.11	60.82	66.57	69.67	65.48	58.50	42.93	32.96	31.88
1876	46.17	30.22	27.38	30.55	44.16	57.95	68.14	72.48	71.55	56.20	43.74	36 33	15.23
Av. for 10 years.	46.33	22.44	22.79	30.57	45.03	58.57	69.13	72.40	69.91	59.76	47.08	34.22	23.96

The last five lines in Exhibit 10 are graphically shown in Diagram No. 6, opposite this page, which enables one to study the temperature characteristics of each month in the year 1876, and to compare them with the corresponding monthly averages for the ten years ending with 1876, and for each of those years. From Exhibit 10 it may be seen that the average for the entire year 1876 was about the annual average for the 10 years; but from Diagram No. 6 it is evident that January, February, and August, 1876, were unusually warm, and that December, 1876, was unusually cold.

TABLE XXXI.—TEMPERATURE.—*Exhibiting the Mean Temperature; the Highest and Lowest Temperature; the Monthly Range; the Mean Daily Range; the Mean Range from Day to Day; and the Greatest Rise or Fall of Thermometer in 24 Hours and in 14 Hours for each Month of the Year 1876, at the Agricultural College, near Lansing, Michigan.*

YEAR AND MONTHS, 1876.	TEMPERATURE.—FAHRENHEIT, 1876.									
	THREE DAILY OBSERVATIONS, AT 7 A. M., 2 P. M., AND 9 P. M.				AVERAGE RANGE.		GREATEST CHANGE IN 24 HOURS.		GREATEST CHANGE IN 14 HOURS,—7 A. M. TO 9 P. M.	
	Mean.	Highest.	Lowest.	Range.	Daily.	From Day to Day.	Degrees of Rise and Fall.	Day and Month.	Degrees of Rise and Fall.	Day of Month.
Year, 1876	46.17	95	—9	104	13.60	16.33	F. 44	Jan. 10	R. 35	Aug. 28
January	30.22	63	8	54	10.81	15.77	F. 44	10	F.& R.22	9, 26
February	27.38	57	0	57	12.76	16.66	F. 37	2	F. 28	1
March	30.55	58	0	58	12.84	14.39	R. 29	3	R. 29	3
April	44.16	71	24	47	12.80	14.47	R. 23	11	R. 20	11
May	57.95	86	31	55	15.26	17.90	R.& F.33	25, 30	R. 23	26
June	68.14	91	51	40	13.17	16.53	R. 25	26	F. 25	25
July	72.48	93	54	39	15.87	17.90	R. 25	31	R. 25	31
August	71.55	95	47	48	17.74	20.97	R. 35	28	R. 35	28
September	56.30	79	39	40	15.20	18.00	R. 33	19	R. 33	19
October	43.74	74	21	53	14.94	16.45	R. 32	18	R. 32	18
November	36.33	61	15	46	8.98	12.00	R. 24	10	R. 24	10
December	15.23	38	—9	47	12 84	14.90	F. 32	16	R. 32	11

DIAGRAM No. 6.

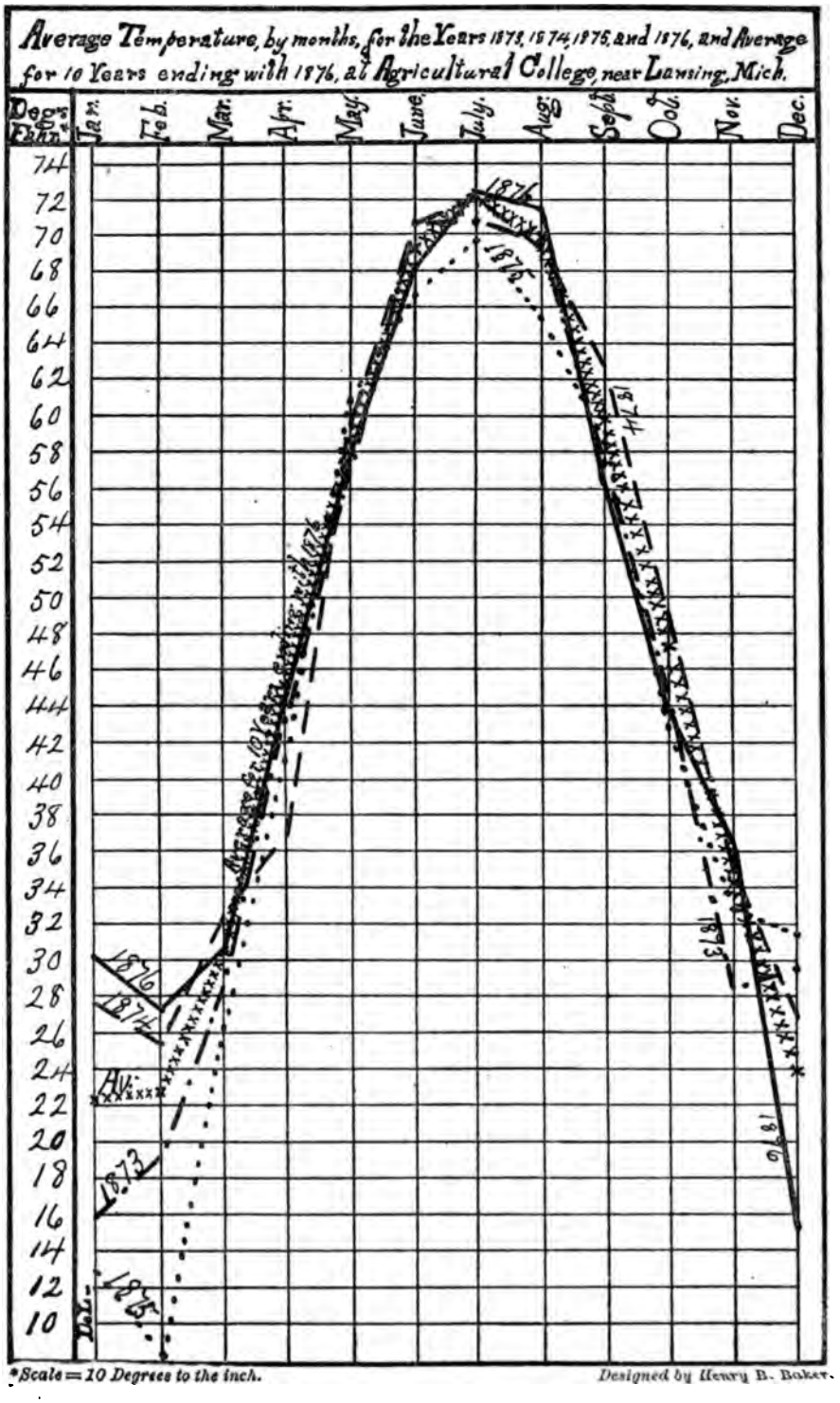

Average Temperature, by months, for the Years 1873, 1874, 1875, and 1876, and Average for 10 Years ending with 1876, at Agricultural College, near Lansing, Mich.
Degrees Fahr.*
Jan.
Feb.
Mar.
Apr.
May.
June.
July.
Aug.
Sept.
Oct.
Nov.
Dec.
74
72
70
68
66
64
62
60
58
56
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
1876
1874
Av.
1873
1875
1873
1876
*Scale = 10 Degrees to the inch.
Designed by Henry B. Baker.

EXHIBIT 11.—ABSOLUTE HUMIDITY.—*Grains of Vapor in a Cubic Foot of Air, by Months, for the Years 1867 to 1876, inclusive, at the Agricultural College, near Lansing, Michigan.*

YEARS.	ANNUAL AVERAGE.	GRAINS OF VAPOR IN CUBIC FOOT OF AIR, BY MONTHS.											
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1867	3.26	1.12	1.80	1.59	2.26	2.68	6.09	6.00	5.73	4.97	3.25	2.25	1.42
1868	3.31	1.10	1.13	2.50	2.61	3.78	3.50	8.51	5.99	4.20	2.75	2.23	1.39
1869	3.42	1.93	1.78	1.49	2.56	3.65	5.52	6.49	6.56	5.13	2.56	1.89	1.52
1870	3.90	1.50	1.35	1.76	3.06	4.92	6.45	7.19	6.54	5.45	3.95	2.22	1.70
1871	3.56	1.63	1.58	2.28	3.00	4.53	5.77	6.35	6.43	4.41	3.48	1.89	1.32
1872	3.70	1.31	1.23	1.32	2.99	4.29	6.78	7.33	7.15	5.57	3.40	1.89	1.13
1873	3.36	1.14	1.43	1.52	2.71	4.00	5.85	6.45	6.29	4.50	2.92	1.73	1.82
1874	3.36	1.58	1.55	2.00	2.08	3.77	6.07	6.00	5.75	4.72	3.15	2.06	1.55
1875	3.11	0.92	0.73	1.63	2.12	3.74	5.17	5.91	5.22	4.38	2.57	1.84	2.05
1876	3.40	1.88	1.57	1.78	2.26	3.93	5.05	6.76	6.31	4.43	2.56	2.26	1.09
Av. for 10 years.	3.44	1.41	1.42	1.79	2.57	3.93	5.72	6.70	6.20	4.78	3.06	2.03	1.50

The last five lines in Exhibit 11 are pictured in Diagram No. 7, opposite this page, to facilitate comparisons of the several months with the averages for corresponding months during the past few years. It may be seen that January, 1876, was unusually moist, and that December and October were unusually dry.

DIAGRAM No. 7.

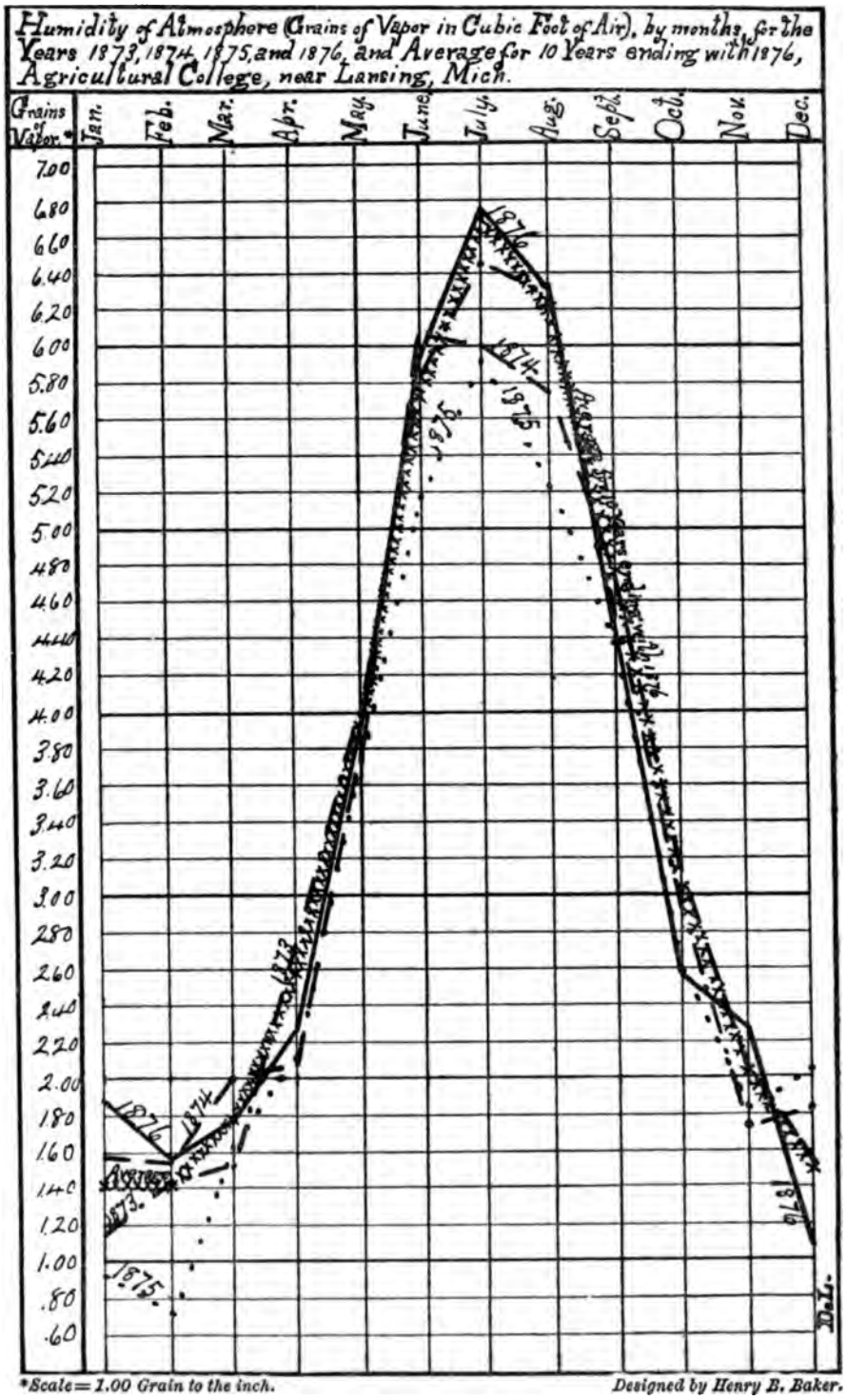
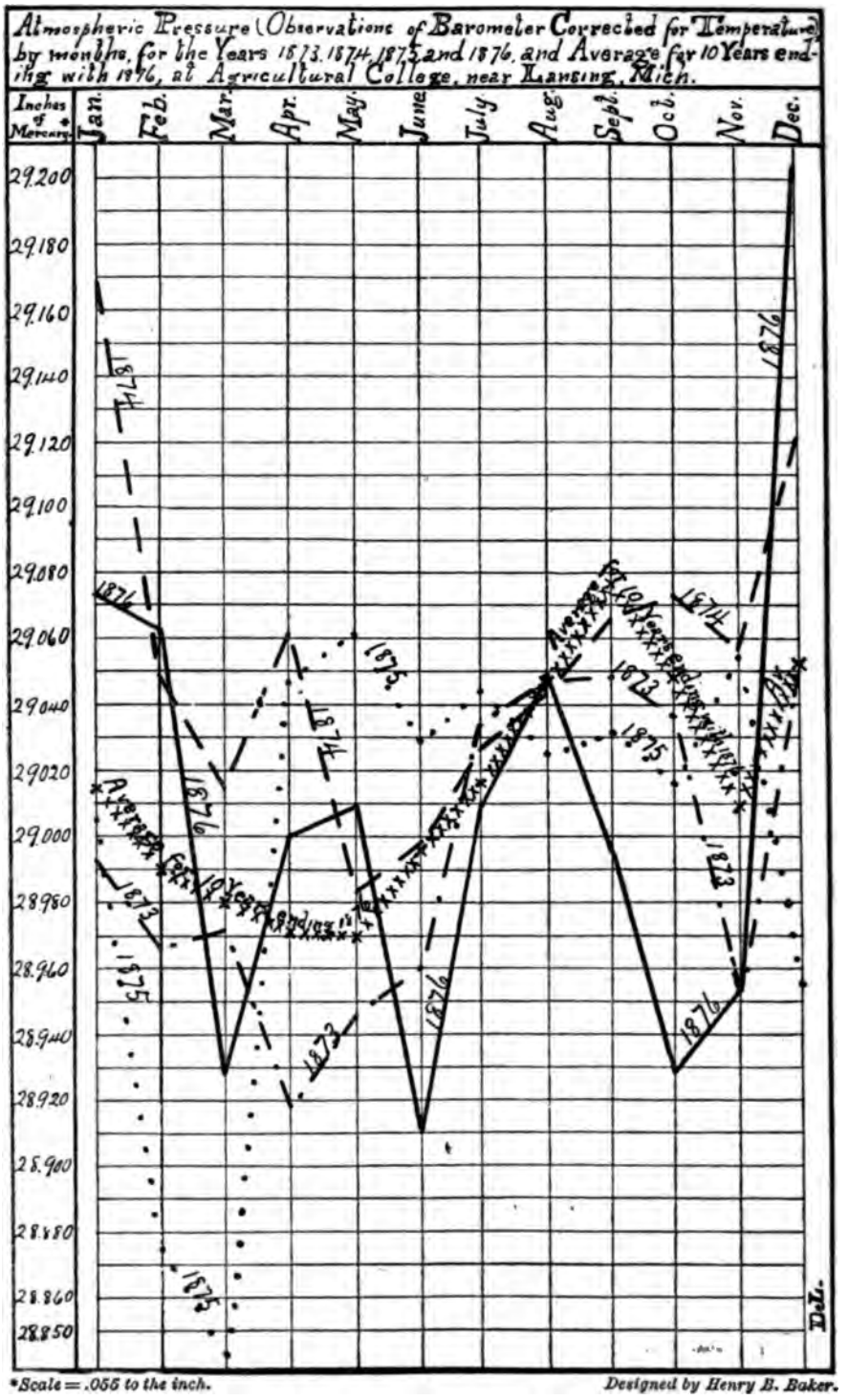

Humidity of Atmosphere (Grains of Vapor in Cubic Foot of Air), by months, for the Years 1873, 1874, 1875, and 1876, and Average for 10 Years ending with 1876, Agricultural College, near Lansing, Mich.
Grains of Vapor.*
Jan.
Feb.
Mar.
Apr.
May
June
July
Aug.
Sept.
Oct.
Nov.
Dec.
7.00
6.80
6.60
6.40
6.20
6.00
5.80
5.60
5.40
5.20
5.00
4.80
4.60
4.40
4.20
4.00
3.80
3.60
3.40
3.20
3.00
2.80
2.60
2.40
2.20
2.00
1.80
1.60
1.40
1.20
1.00
.80
.60
1876
1874
1875
1873
Average
Dec.
*Scale = 1.00 Grain to the inch.
Designed by Henry E. Baker.

DIAGRAM No. 8.



*Scale = .055 to the inch.

Designed by Henry B. Baker.

EXHIBIT 12.—PRESSURE OF THE ATMOSPHERE.—*Observations of Barometer reduced to Freezing point, and corrected for instrumental error (+.12) previous to 1875, for each of the Years 1867 to 1876, inclusive, and the average for 10 Years ending with 1876, at the Agricultural College, near Lansing, Michigan. (Based upon Observations made by Prof. R. C. Kedzie.)*

YEARS.	ANNUAL AVERAGE.	PRESSURE OF THE ATMOSPHERE, STATED IN INCHES OF MERCURIAL COLUMN, BY MONTHS.											
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1867..	29.002	28.977	29.024	29.050	28.873	28.901	28.902	29.035	29.031	29.120	29.080	28.952	28.988
1868..	29.051	29.014	29.134	29.007	29.031	28.942	29.106	29.032	29.063	29.056	29.120	29.029	29.078
1869..	29.007	28.950	28.959	29.054	28.947	28.869	28.976	28.964	29.088	29.140	29.040	28.983	29.119
1870..	28.996	28.987	28.927	28.965	29.022	28.977	29.000	28.956	29.010	29.142	29.059	29.023	28.892
1871..	28.988	29.023	28.936	28.930	28.842	29.024	28.985	29.011	29.027	29.158	29.029	29.064	29.000
1872..	29.007	28.958	28.962	29.031	28.972	28.988	28.999	29.044	29.067	29.010	29.089	29.001	29.112
1873..	28.994	28.993	28.967	28.972	28.918	28.946	28.960	29.034	29.047	29.048	29.037	28.953	29.049
1874..	29.055	29.168	29.048	29.015	29.061	28.964	28.998	29.027	29.044	29.066	29.073	29.057	29.121
1875..	28.998	29.005	28.875	28.844	29.047	29.061	29.029	29.044	29.025	29.031	29.016	29.054	28.955
1876..	29.010	29.073	29.063	28.929	29.000	29.009	28.911	29.009	29.048	28.995	28.929	28.953	29.208
AV..[a]	29.011	29.015	28.990	28.980	28.971	28.970	28.996	29.016	29.047	29.077	29.048	29.009	29.052

[a] Average for 10 years, ending with 1876.

Graphic representations of each of the last five lines in Exhibit 12 are given in Diagram No. 8, opposite this page. It will be seen that the curve representing the atmospheric pressure by months in 1876 is not much like the average line for 10 years, the pressure being high in January, February, April, May, and December, 1876, and low in March, June, September, October, and November, 1876.

TABLE XXX.—*Exhibiting for the Year, for each Month, and an Average Month, during the Year 1876, the Mean Hight and Range of Barometer; the Direction of the Prevailing Winds; the Relative Humidity; the Per Cent of Cloudiness; the Number of Days on which it Rained or Snowed; and the Depth of Rain and Melted Snow in Inches, at the Agricultural College, near Lansing, Michigan.*

YEAR AND MONTHS, 1876.	Barometer, Reduced to 32° Fahrenheit,—Average.	Range of Barometer.	Days of Prevailing Winds,—1876.								Relative Humidity, or Per Cent of Saturation,—Average.	Per Cent of Cloudiness of Sky,—Average.	Number of Days on which it Rained or Snowed.	Rain and Melted Snow, in Inches.	Ozone—Relative. Maximum = 10.	
			North.	North-east.	East.	South-east.	South.	South-west.	West.	North-west.					Day,—7 A. M. to 9 P. M.	Night,—9 P. M. to 7 A. M.
Year, 1876	29.010	1.860	14	26	6	42	18	144	36	71	81	58	139	30.55	3.68	4.11
January	29.073	1.626	1	....	2	2	1	18	6	1	84	58	15	1.63	5.32	6.90
February	29.063	1.033	1	3	1	3	5	5	4	6	84	58	12	3.04	5.76	7.27
March	28.929	1.812	3	4	1	2	4	6	5	6	95	65	17	4.84	6.06	7.00
April	29.000	1.508	1	2	....	4	3	10	7	3	66	51	8	2.08	3.70	5.52
May	29.009	1.214	1	1	....	7	....	12	2	7	73	52	14	4.13	3.10	4.13
June	28.911	.511	....	....	....	1	2	21	1	4	79	50	13	4.34	1.87	2.27
July	29.009	.507	....	6	....	3	....	14	2	6	78	46	8	2.10	2.16	1.58
August	29.048	.459	1	2	....	3	....	17	....	6	76	43	8	1.28	1.97	1.26
September	28.995	.500	2	4	....	2	....	9	....	12	83	57	9	3.65	2.60	1.73
October	28.929	.923	....	2	....	6	....	12	2	9	76	59	13	1.26	3.45	3.48
November	28.953	.940	3	1	....	6	1	9	2	5	85	80	12	.91	3.57	3.33
December	29.203	1.090	1	1	2	3	2	11	5	6	92	72	10	1.29	4.57	4.81
Monthly Average	29.010	1.010	1.17	2.17	.50	3.50	1.50	12.00	3.00	5.92	81	58	11.58	2.55	3.68	4.11

TABLE XXXII.—*By Months, some Meteorological conditions at certain Localities in Michigan during the Year 1876.*

MONTHS, 1876.	DETROIT, MICH.				ESCANABA, MICH.				GRAND HAVEN, MICH.				MARQUETTE, MICH.			
	Average Barometer.	Average Temperature,—Fahr.	Total Rainfall, in Inches.	Prevailing Wind.	Average Barometer.	Average Temperature,—Fahr.	Total Rainfall, in Inches.	Prevailing Wind.	Average Barometer.	Average Temperature,—Fahr.	Total Rainfall, in Inches.	Prevailing Wind.	Average Barometer.	Average Temperature.—Fahr.	Total Rainfall, in Inches.	Prevailing Wind.
YEAR, 1876	29.968	47.4	40.40	S. W.	29.954	39.8	42.44	N. W.	29.959	47.2	46.29	*	29.952	40.7	31.44	W
January	30.036	32.4	2.00	W.	29.975	20.1	2.84	N. W.	30.018	31.9	3.67	N. W.	29.965	21.1	0.60	W.
February	30.036	23.6	5.59	W.	30.027	16.1	1.69	N. W.	30.018	29.6	2.41	E.	30.053	16.7	0.65	W.
March	29.979	29.8	5.50	N. W.	30.054	20.0	3.44	N.	29.982	30.6	1.99	E.	30.082	22.1	1.70	N. W.
April	29.964	44.0	1.80	W.	29.900	35.8	4.65	N.	29.941	44.7	3.18	W.	29.934	37.9	1.28	W.
May	29.975	57.5	5.62	S. W.	29.969	47.8	6.07	N.	29.953	55.2	5.42	S. W.	29.976	49.4	3.84	N. W.
June	29.863	69.3	1.51	S. W.	29.809	58.9	6.33	S.	29.838	65.7	9.35	W.	29.805	58.2	8.18	E.
July	29.945	73.0	5.94	S. W.	29.941	68.1	5.05	S.	29.948	71.1	3.51	S. W.	29.915	66.9	3.07	N. W.
August	30.002	72.1	2.46	S. W.	29.965	67.9	3.43	S.	29.993	70.5	1.82	S.	29 944	68.1	1 95	S.
September	29.952	59.1	2.81	E.	29.986	55.2	2.24	N.	29.967	58.6	6.24	E.	29.992	54.8	4.22	W.
October	29.917	46.2	2.59	S. W.	29.852	39.7	3.43	W.	29.887	47.1	2.28	N. W.	29.828	40.2	2.81	W.
November	29.935	33.6	2.32	S. W.	29.918	33.4	2.70	N. W.	29.934	39.0	5.26	S. E.	29.945	34.8	2.32	N. W.
December	30.015	12.5	1.96	W.	30.024	14.6	0.57	N. W.	30.030	21.9	1.16	W.	29.986	17.6	0.82	W.
Average Month	29.968	47.4	3 37	.....	29.954	39.8	3.54	.....	29.959	47.2	3.86	.....	29.952	40.7	2.62	.....

* Westerly.

Table XXXII. is made from Report of the Chief Signal Officer for 1876 and 1877.

EXHIBIT 13.—ALL CAUSES.—*Deaths Returned as having occurred from All Causes, in Michigan, during each of the Years 1869–1876; Per Cent of Deaths to the Estimated Population[a] in each Year, and some coincident Meteorological conditions at the Agricultural College, near Lansing, and near the center of the thickly-settled part of the State.*

Years 1869–1876, in Order by Per Cent of Reported Deaths from all Causes to Estimated Inhabitants, Year of Greatest Death-rate first.		Estimated Inhabitants.[a]	Deaths Reported.		Temperature,—Fahr.; Mean of three Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc.,—Monthly Averages.			Ozone,—Relative Maximum=10.		Barometer Reduced to 32° Fahrenheit,—Average.	Rain and Melted Snow, in Inches.	Range of Barometer.	
			Number.	Per Cent of Deaths to Estimated Inhabitants.	Average Range.											
					Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[b]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.			Annual.	Average Daily.
More than the Av. Death-rate.	1873	1,358,848	14,258	1.05	14.37	17.67	44.54	80	.297	3.36	4.02	4.63	28.874	31.745	1.307	.141
	1872	1,297,973	13,371	1.03	15.31	18.14	45.54	83	.328	3.70	2.82	4.24	28.887	26.853	1.902	.123
	1870	1,184,282	10,766	.91	17.11	19.03	[c]49.10	81	.341	3.90	.....	.....	28.876	37.757	1.366	.....
Average		1,326,195	11,792	.89	15.36	18.14	46.21	80	.306	3.49	3.83	4.40	28.920	29.833	2.234	.168
Less than the Av. Death-rate.	1874	1,422,578	12,500	.88	15.65	18.27	47.05	78	.294	3.36	4.10	3.99	28.935	22.959	2.069	.130
	1869	1,057,608	9,145	.86	15.00	.....	46.27	81	.302	3.49	.....	.....	28.887	33.153	1.660	.....
	1876	1,559,145	12,576	.81	13.60	16.33	[c]46.17	81	.300	3.40	3.68	4.11	29.010	30.553	1.860	.138
	1875	1,480,297	11,990	.81	15.34	17.55	[c]43.09	79	.267	3.11	4.53	5.04	29.003	28.437	1.628	.306
	1871	1,239,825	9,728	.78	16.52	19.97	47.93	80	.315	3.56	.....	.....	28.884	27.210	6.079	.....

[a] Population estimated from U. S. Censuses of 1860 and 1870.

[b] See foot-notes to Exhibit K, page 284.

[c] Exceptions to the proposition that the Temperature was *less* than the average in years in which the death-rate was *greater* than the average, and *vice versa*.

EXHIBIT 14.—ALL CAUSES.—*Deaths Returned as having occurred in Michigan from All Causes, by Months, during the Year 1876, and some coincident Meteorological conditions, at the Agricultural College, near Lansing, and near the center of the thickly-settled part of the State.*

Months in Order by Number of Reported Deaths from All Causes, Greatest Number First.		Deaths Reported from All Causes, 1876.								Temperature,—Fahr.; Mean of 3 Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			Rain and Melted Snow, in Inches.	Humidity of Atmosphere, etc.,—Monthly Averages.			Ozone,—Relative. Maximum=10.		Barometer Reduced to 32° Fahrenheit,—Average.	Range of Barometer.	
		Number.				Per Cent of Total.				Average Range.											
		Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.		Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air. [a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		Monthly, and Year.	Average Daily.
Year, 1876....[b]		12,545	6,741	5,749	55	100.00	100.00	100.00	100.00	13.60°	16.33°	46.17°	30.55	81	.300	3.40	3.68	4.11	29.010	1.860	.138
More than Av. No. of Deaths.	August..	1,507	822	677	8	12.01	12.19	11.77	14.55	17.74	20.97	71.55	1.28	76	.576	6.31	1.97	1.26	29.048	.459	.061
	Sept.....	1,423	757	664	2	11.34	11.23	11.55	3.64	15.20	18.00	56.30	[c] 3.65	83	.391	4 43	2.60	1.73	[g] 28.995	.500	.087
	Dec.....	1,153	607	535	11	9.19	9.00	9.31	20.00	12.84	[c] 14.90	[d] 15.28	1.29	92	.088	1.09	[f] 4.57	[f] 4.81	29.203	1.090	.178
	October.	1,131	606	521	4	9.02	8.99	9.06	7.27	14.94	16.45	[d] 43.74	1.26	76	.220	2.56	3.45	3.48	8.929	.923	.149
	July.....	1,079	598	480	1	8.61	8.87	8.35	1.82	15.87	17.90	72.48	2.10	78	.617	6.76	2.16	1.58	29.009	.507	.070
Average.....		1,045	562	479	4	8.33	8.33	8.33	8.33	13.60	16.33	46.17	2.55	81	.300	3.40	3.68	4.11	29.010	1.011	.138
Less than the Av. No. of Deaths.	Nov.....	989	541	439	9	7.88	8.03	7.64	16.36	8.98	12.00	36.33	[c] .91	85	.191	2.26	[f] 3.57	[f] 3.33	28.953	.940	.102
	April....	978	509	463	6	7.79	7.55	8.05	10.91	12.80	14.47	44.16	[c] 2.08	66	.195	2.26	3.70	5.53	29.000	1.508	.159
	March...	975	515	456	4	7.77	7.64	7.93	7.27	12.84	14.39	30.55	4.84	95	.150	1.78	6.06	7.00	28.929	1.812	.223
	May.....	970	519	449	2	7.73	7.70	7.81	3.64	15.26	[c] 17.90	[d] 57.95	4.13	73	.349	3.93	[f] 3.10	4.13	29.009	1.214	.121
	June.....	855	463	388	4	6.82	6.87	6.75	7.27	13.17	[c] 16.53	[d] 68.14	4.34	79	.539	5.95	[f] 1.87	[f] 2.27	28.911	.517	.075
	Feb.....	800	412	385	3	6.38	6.11	6.70	5.45	12.76	[c] 16.66	27.38	3.04	84	.131	1.59	5.76	7.27	[g] 29.063	1.033	.176
	January.	685	392	292	1	5.46	5.82	5.08	1.82	10.81	15.77	30.22	[c] 1.63	84	.157	1.88	5.32	6.90	[g] 29.073	1.626	.255

[a] See foot-notes to Exhibit K, page 264. [b] Excluding Deaths in unknown month. [c] Exceptions to the proposition that the Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*. [d] Exceptions to the proposition that the Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*. [e] Exceptions to the proposition that the Rainfall was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*. [f] Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*. [g] Exceptions to the proposition that the Atmospheric Pressure, as indicated by the Barometer, was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

EXHIBIT K.—CROUP.—*Deaths Returned as having occurred in Michigan from Croup, by Months, during the Year 1876, and some coincident Meteorological conditions.*

	Months in Order by Number of Deaths from Croup, Greatest First.	Deaths from Croup, 1876. Number.	Per Cent of Total.	Temperature,—Fahr.; Mean of three Daily Observations, at 7 A. M., 2 P. M., and 9 P. M. Average Range. Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Humidity of Atmosphere, etc.,—Monthly Averages. Rain-fall, in Inches.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[b]	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of vapor inhaled.[c]	Ozone,—Relative. Maximum=10. Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Barometer Reduced to 32° Fahr.,—Average.
	Year, 1876	[d]177	100.00	13.60	16.33	46.17	30.55	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than the Av. No. of Deaths.	Nov.	28	15.82	8.98	12.00	36.33	.91	85	.191	2.26	1.41	10.27	3.57	3.83	28.963
	Oct.	25	14.12	14.94	16.45	43.74	1.26	76	.220	2.56	1.60	10.08	3.45	3.49	28.929
	Dec.	25	14.12	12.84	14.90	15.23	1.29	92	.088	1.09	.68	11.00	4.57	4.81	29.203
	Jan.	21	11.86	10.81	15.77	30.22	1.63	84	.157	1.88	1.18	10.50	5.32	6.90	29.073
	Sept.	21	11.86	15.20	18.00	[e]56.30	3.65	83	.391	4.43	[f]2.77	8.91	2.60	1.73	28.985
	Average	15	8.33	13.60	16.33	46.17	2.55	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average No. of Deaths.	Feb.	12	6.78	12.76	16.66	[e]27.38	3.04	84	.131	1.57	[f].98	10.70	5.76	7.27	29.063
	March	12	6.78	12.84	14.39	[e]30.55	4.84	95	.150	1.78	[f]1.11	10.57	6.06	7.00	28.929
	August	12	6.78	17.74	20.97	71.55	1.28	76	.576	6.31	3.94	7.74	1.97	1.26	29.048
	April	9	5.08	12.80	14.47	[e]44.16	2.08	66	.195	2.26	[f]1.41	10.27	3.70	5.53	29.000
	May	7	3.95	15.26	17.90	57.95	4.13	73	.349	3.93	2.46	9.22	3.10	4.13	29.009
	June	3	1.69	13.17	16.53	68.14	4.34	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
	July	2	1.13	15.87	17.90	72.48	2.19	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] Approximate,—Calculated from Temperature and Force of Vapor combined. (Temperature of Wet Bulb Thermometer not stated.)

[b] Calculated for 18 respirations per minute, of 20 cubic inches of air each.

[c] Assuming the air exhaled to be saturated with vapor at the temperature of 98 F., each cubic foot containing 18.69 grains, 18 respirations per minute, of 20 cubic inches of air each, making 11.66 ounces Troy of vapor exhaled daily. No correction made for expansion of air after being inhaled.

[d] Includes 21 deaths from Membranous Croup, and excludes 1 death in unknown month.

[e] Exceptions to the proposition that *more* than the average number of deaths from Croup occurred in months in which the temperature was *less* than the average, and *vice versa*.

[f] Exceptions to the proposition that *more* than the average number of deaths from Croup occurred in months in which there was *less* than the average quantity of vapor inhaled, and *vice versa*.

Croup.—During the year 1876, according to the returns, 178 deaths from croup occurred in this State. This is a larger number than has been returned for any previous year, the order of the years, those having the greatest number first, being: 1876, 178 deaths from croup; 1873, 170; 1875, 167; 1872, 162; 1871, 153; 1874, 142; 1870, 127. Croup prevailed most extensively during the fall and winter months, 67.78 per cent of the number of deaths from this disease in 1876 having occurred in the five months of January, September, October, November, and December. The amount of vapor inhaled seems to

sustain a relation to the prevalence of croup. As may be seen in Exhibit K, there are only four exceptions to the proposition that more than an average number of deaths from croup occurred in months in which there was less than the average quantity of vapor inhaled, and *vice versa*. In 1875, there were no exceptions to this proposition; in 1874 there was only one exception; and in 1873, only two exceptions. Exhibit K facilitates the study of croup in connection with the coincident meteorological conditions.

Croup and Diphtheria.—The number of deaths from these two diseases is shown, by months, in Exhibit L, which also shows the coincident meteorological conditions. The same propositions are made in this exhibit as in Exhibit K, and the exceptions are in the same months. The two diseases are thus grouped together as well as exhibited separately for their more thorough study, and because many think they are essentially one disease.

EXHIBIT L.—CROUP AND DIPHTHERIA.—*Deaths Returned as having occurred in Michigan from Croup and Diphtheria, by Months, during the Year 1876, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Croup and Diphtheria, Greatest First.	Deaths from Croup and Diphtheria, 1876.		Temperature, — Fahr.; Mean of Three Daily Observations at 7 A. M., 2 P. M. and 9 P. M.			Humidity of Atmosphere, Etc.,—Monthly Averages.					Ozone,—Relative. Maximum = 10.		Barometer Reduced to 32° Fahrenheit, —Average.
			Average Range.										
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[a]	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of vapor inhaled.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876.....	[b] 468	100.00	13.60°	16.33°	46.17°	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than the Average No. of Deaths. Oct.	70	15.02	14.94°	16.45°	43.74°	76	.220	2.56	1.60	10.08	3.45	3.48	28.929
More than the Average No. of Deaths. Nov.	70	15.02	8.98	12.00	36.33	85	.191	2.26	1.41	10.27	3.57	3.33	28.953
More than the Average No. of Deaths. Dec.	61	13.09	12.84	14.90	15.23	92	.088	1.09	.68	11.00	4.57	4.81	29.203
More than the Average No. of Deaths. Sept.	59	12.66	15.20	18.00	[c] 56.30	83	.391	4.43	[d] 2.77	8.91	2.60	1.73	28.995
More than the Average No. of Deaths. Jan.	42	9.01	10.81	15.77	30.22	84	.157	1.88	1.18	10.50	5.32	6.90	29.073
Average	39	8.37	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average No. of Deaths. Aug.	36	7.73	17.74	20.97	71.55	76	.576	6.31	3.94	7.74	1.97	1.26	29.048
Less than the Average No. of Deaths. March.	31	6.65	12.84	14.39	[c] 30.55	95	.150	1.78	[d] 1.11	10.57	6.06	7.00	28.929
Less than the Average No. of Deaths. Feb.	28	6.01	12.76	16.66	[c] 27.38	84	.131	1.57	[d] .98	10.70	5.76	7.27	29.063
Less than the Average No. of Deaths. April.	20	4.29	12.80	14.47	[c] 44.16	66	.195	2.26	[d] 1.41	10.27	3.70	5.53	29.000
Less than the Average No. of Deaths. May.	20	4.29	15.26	17.90	57.95	73	.349	3.93	2.46	9.22	3.10	4.13	29.009
Less than the Average No. of Deaths. June.	15	3.22	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
Less than the Average No. of Deaths. July.	14	3.00	15.87	17.90	72.48	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] See foot-notes to Exhibit K, page 264. [b] Excluding 2 deaths in unknown month. [c] Exceptions to the proposition that *more* than an average number of deaths from Croup and Diphtheria occurred in months in which the mean temperature was *less* than the average, and *vice versa*.

[d] Exceptions to the proposition that *more* than an average number of deaths from Croup and Diphtheria occurred in months in which there was *less* than the average quantity of vapor inhaled, and *vice versa*.

EXHIBIT M.—DIPHTHERIA.—*Deaths in Michigan from Diphtheria, by Months, Returned as having occurred during the Year 1876, and some coincident Meteorological conditions.*

Months in Order by Number of Deaths from Diphtheria, Greatest First.	Deaths from Diphtheria, 1876.		Temperature, — Fahr.; Mean of three Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc., —Monthly Averages.					Ozone, Relative. Maximum =10.		Barometer Reduced to 32° Fahrenheit,—Average.
			Average Range.										
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[a]	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of Vapor Inhaled.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876	[b]310	100.00	13.60°	16.33°	46.17°	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than Av. No. of Deaths. October	51	16.45	14.94	16.45	43.74	76	.220	2.56	1.60	10.08	3.45	3.48	28.929
November	46	14.84	8.98	12.00	36.33	85	.191	2.26	1.41	10.27	3.57	3.33	28.953
September	39	12.58	15.20	18.00	[c] 56.30	83	.391	4.43	[d] 2.77	8.91	2.60	1.73	28.995
December	38	12.26	12.84	14.90	15.23	92	.088	1.09	.68	11.00	4.57	4.81	29.203
Average	26	8.33	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average Number of Deaths. January	24	7.74	10.81	15.77	[c] 30.22	84	.157	1.88	[d] 1.18	10.50	5.32	6.90	29.073
August	24	7.74	17.74	20.97	71.55	76	.576	6.31	3.94	7.74	1.97	1.26	29.043
March	21	6.77	12.84	14.39	[c] 30.55	95	.150	1.78	[d] 1.11	10.57	6.06	7.00	28.929
February	16	5.16	12.76	16.66	[c] 27.38	84	.131	1.57	[d] .98	10.70	5.76	7.27	29.063
May	14	4.52	15.26	17.90	57.95	73	.349	3.93	2.46	9.22	3.10	4.13	29.009
June	13	4.19	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
April	12	3.87	12.60	14.47	[c] 44.16	66	.195	2.26	[d] 1.41	10.27	3.70	5.53	29.009
July	12	3.87	15.87	17.90	72.48	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] See foot-notes to Exhibit K, page 284.
[b] Excluding 1 in unknown month.
[c] Exceptions to the proposition that *more* than an average number of deaths from Diphtheria occurred in months in which the mean temperature was *less* than the average, and *vice versa*.
[d] Exceptions to the proposition that *more* than an average number of deaths from Diphtheria occurred in months in which there was *less* than the average quantity of vapor inhaled, and *vice versa*.

Diphtheria.—In 1876 there were 311 deaths from diphtheria in this State, according to the returns,—the largest number returned for any year. This number is 2.47 per cent of the number of deaths from all causes,—the largest per cent shown for any year, the order of the years 1869–1876, those first in order which have the greatest per cent of deaths from diphtheria, being: 1869, 0.97 per cent; 1870, 1.12; 1871, 1.24; 1872, 1.44; 1873, 1.52; 1874, 1.70; 1875, 1.73; 1876, 2.47. It will therefore be seen that the proportional mortality from diphtheria has constantly increased since 1869. As was the case with croup, diphtheria prevailed most extensively during the fall and winter months, 63.87 per cent having died during the five months of January, September, October, November, and December, against 67.78 per cent from croup in the same months. The mortality among young children is much less from diphtheria than from croup, only 45.02 per cent of the decedents from diphtheria in 1876 being under 5 years of age, against 84.83 per cent from croup.

The same propositions are made for diphtheria that are made for croup and for croup and diphtheria (Exhibits K and L), and to each proposition there are five exceptions in the exhibit of diphtheria, against four exceptions for each of the other two exhibits. This suggests that in 1876, croup sustained a closer relation to temperature of the air and to amount of vapor inhaled than did diphtheria. It is now becoming well known that diphtheria is a very contagious disease, and that in Michigan there are more deaths and sickness from it in cold than in warm weather.

EXHIBIT V.—CEREBRO-SPINAL MENINGITIS, ETC.—*The Total Number of Deaths from Cerebro-spinal Meningitis, Spotted Fever, Spinal Meningitis, Meningitis, and Spinal Fever, Returned as having occurred in Michigan, during the Year 1876, by Months, and by Sex.*

CAUSES OF DEATH.	SEX.	YEAR, 1876.	MONTHS, 1876,											
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Total.....	Total..	122	6	10	8	9	16	6	14	18	13	10	6	6
	Males..	54	5	4	4	3	7	2	7	8	6	5	2	1
	Fema's	68	1	6	4	6	9	4	7	10	7	5	4	5
Cerebro-spinal Meningitis	Total..	14	.....	1	2	4	4	.....	1	2	.....	.....	.....	.....
	Males..	4	.....	.....	.....	1	2	.....	.....	1	.....	.....	.....	.....
	Fema's	10	.....	1	2	3	2	.....	1	1	.....	.....	.....	.....
Spotted Fever.....	Total..	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Males..	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fema's	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spinal Meningitis	Total..	30	.....	4	.....	1	4	1	6	4	2	3	2	3
	Males.	10	.....	.....	.....	1	.....	1	1	3	1	1	1	1
	Fema's	20	.....	4	.....	.....	4	.....	5	1	1	2	1	2
Meningitis..	Total..	4	1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
	Males..	4	1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
	Fema's	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spinal Fever.....	Total..	73	4	4	6	4	7	5	6	12	11	7	4	3
	Males..	35	3	3	4	1	4	1	5	4	5	4	1	.....
	Fema's	38	1	1	2	3	3	4	1	8	6	3	3	3

Cerebro-spinal Meningitis.—The returns of deaths show that 14 deaths from this disease occurred in Michigan in 1876. This is the smallest number returned for any year since 1871. In 1874, 8 of the 14 decedents from this disease died in the two months of April and May. Exhibits V. and 15 combine the numbers of deaths from several specified causes, as is done in previous Reports, the latter showing also the coincident meteorological conditions. The appearance of a relation between this group of causes and certain meteorological conditions in 1876 is very striking. To each of the propositions concerning the daily range of temperature, the average temperature, the force of vapor, and the absolute humidity, there is only one exception. This study of the relations of atmospheric conditions to this disease is greatly facilitated by Exhibit 15, page 268.

EXHIBIT 15.—CEREBRO-SPINAL MENINGITIS, ETC.—*Deaths Returned as having occurred in Michigan from Cerebro-spinal Meningitis, Spotted Fever, Spinal Meningitis, Meningitis, and Spinal Fever, by Months, during the Year 1876, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Cerebro-spinal Meningitis, Spotted Fever, Spinal Meningitis, Meningitis, and Spinal Fever, Greatest Number First.		Deaths from Cerebro-spinal Meningitis, etc., 1876.		Temperature,—Fahr.; Mean of 3 Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, etc., —Monthly Averages.			Ozone,—Relative. Maximum = 10.		Barometer Reduced to 32° Fahr.,—Average.	Rain and Melted Snow, in Inches.	Range of Barometer.	
				Average Range.											
		Number.	Per Cent of Total.	Daily.	From Day to Day 2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Ct. of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.			Monthly, and Year.	Average Daily.
Year, 1876...		122	100.00	13.60°	16.33°	46.17°	81	.300	3.40	3.68	4.11	29.010	30.55	1.860	.133
More than the Av. No. of Deaths.	Aug..	18	14.75	17.74°	20.97°	71.55°	76	.576	6.31	1.97	1.26	[i] 29.048	1.28	.459	.061
	May.	16	13.11	15.26	17.90	57.95	73	.349	3.93	3.10	[h] 4.13	29.009	4.13	1.214	.121
	July.	14	11.47	15.87	17.90	72.48	78	.617	6.76	2.16	1.58	29.009	2.10	.507	.070
	Sept.	13	10.65	15.20	18.00	56.30	[e] 83	.391	4.43	2.60	1.73	28.995	3.65	.500	.087
Average.....		10.2	8.33	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	2.55	1.010	.133
Less than the Average Number of Deaths.	Feb..	10	8.20	12.76	[c] 16.66	27.38	84	.131	1.57	5.76	7.27	29.063	3.04	1.033	.176
	Oct..	10	8.20	[b] 14.94	[c] 16.45	43.74	[e] 76	.220	2.56	[h] 3.45	[h] 3.48	[i] 28.929	1.26	.923	.149
	April	9	7.38	12.80	14.47	44.16	[e] 66	.195	2.26	3.70	5.53	[i] 29.000	2.08	1.508	.159
	Mar..	8	6.56	12.84	14.39	30.55	95	.150	1.78	6.06	7.00	[i] 28.929	4.84	1.812	.223
	Jan...	6	4.92	10.81	15.77	30.22	84	.157	1.88	5.32	6.90	29.073	1.63	1.626	.255
	June	6	4.92	13.17	[c] 16.53	[d] 68.14	[e] 79	[f] .539	[g] 5.95	[h] 1.87	[h] 2.27	[i] 28.911	4.34	.511	.075
	Nov..	6	4.92	8.98	12.00	36.33	85	.191	2.26	[h] 3.57	[h] 3.33	[i] 28.953	.91	.940	.102
	Dec..	6	4.92	12.84	14.90	15.23	92	.068	1.09	4.57	4.81	29.203	1.29	1.090	.178

[a] See foot-notes to Exhibit K, page 264.

[b] Exception to the proposition that the Daily Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[c] Exceptions to the proposition that the Range of Temperature "from day to day" was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[d] There is no exception to the proposition that the temperature was *higher* than the average in months when *more* than the average number of deaths occurred; and only one exception to the proposition that the temperature was *lower* than the average in months when *less* than the average deaths occurred.

[e] Exceptions to the proposition that the Relative Humidity was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[f] Exceptions to the proposition that the Force of Vapor was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[g] Exceptions to the proposition that the Absolute Humidity was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[h] Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[i] Exceptions to the proposition that the Atmospheric Pressure, as indicated by the Barometer, was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

Congestive Chills and Intermittent Fever.—During the year 1876, according to the returns, 55 deaths occurred from congestive chills in this State,—the smallest number returned for any of the years 1869–1876. In 1876, the largest number occurred in October, the smallest in June. According to Exhibit U, the average daily range of barometer sustained a closer relation than any other atmospheric condition specified in the exhibit to the mortality from congestive chills.

EXHIBIT U.—CONGESTIVE CHILLS.—*Deaths Returned as having occurred in Michigan from Congestive Chills, by Months, during the Year 1876, and some coincident Meteorological conditions.*

MONTHS IN ORDER BY NUMBER OF DEATHS FROM CONGESTIVE CHILLS, GREATEST FIRST.	DEATHS FROM CONGESTIVE CHILLS, 1876.		Temperature,—Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc.,—Monthly Av'ges.			Ozone, Relative. Maximum =10.		Barometer Reduced to 32° Fahrenheit,—Average.	Rain and Melted Snow, in Inches.	Range of Barometer.	
			Average Range.											
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.			Monthly, and Year.	Average Daily.
Year, 1876.....	55	100.00	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	3.055	1.860	.138
More than the Av. No. of Deaths. Oct.....	9	16.36	14.94	16.45	[d] 43.74	76	.220	[e] 2.56	3.45	3.48	[g] 28.929	1.26	[h] .923	.149
April....	7	12.73	[b] 12.80	[c] 14.47	[d] 44.16	66	.195	[e] 2.26	[f] 3.70	[f] 5.53	[g] 29.000	2.08	1.508	.159
Aug.....	7	12.73	17.74	20.97	71.55	76	.576	6.31	1.97	1.26	29.048	1.28	[h] .459	[i] .061
Sept.....	7	12.73	15.20	18.00	56.30	83	.391	4.43	2.60	1.73	[g] 28.995	3.65	[h] .500	[i] .087
March...	5	9.09	[b] 12.84	[c] 14.39	[d] 30.55	95	.150	[e] 1.78	[f] 6.06	[f] 7.00	[g] 28.929	4.84	1.812	.223
Dec.....	5	9.09	[b] 12.84	[c] 14.90	[d] 15.23	92	.088	[e] 1.09	[f] 4.57	[f] 4.81	29.203	1.29	1.090	.178
Average	4.6	8.33	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	2.55	1.011	.138
Less than the Av. No. of Deaths. May.....	4	7.27	[b] 15.26	[c] 17.90	[d] 57.95	73	.319	[e] 3.93	[f] 3.10	4.13	29.009	4.13	[h] 1.214	.121
July.....	4	7.27	[b] 15.87	[c] 17.90	[d] 72.48	78	.617	[e] 6.76	[f] 2.16	[f] 1.58	29.009	2.10	.507	.070
Nov.....	3	5.45	8.98	12.00	36.33	85	.191	2.26	[f] 3.57	[f] 3.33	28.953	.91	.940	.102
Jan.....	2	3.64	10.81	15.77	30.22	84	.157	1.88	5.32	6.90	[g] 29.073	1.63	[h] 1.626	[i] .255
Feb.....	1	1.82	12.76	[c] 16.66	27.38	84	.131	1.57	5.76	7.27	[g] 29.063	3.04	[h] 1.033	[i] .176
June....	1	1.82	13.17	[c] 16.53	[d] 68.14	79	.539	[e] 5.95	[f] 1.87	[f] 2.27	28.911	4.34	.517	.075

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the Daily Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[c] Exceptions to the proposition that the Range of Temperature "from day to day" was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[d] Exceptions to the proposition that the temperature was *higher* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[e] Exceptions to the proposition that the Absolute Humidity was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[f] Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[g] Exceptions to the proposition that the Atmospheric Pressure indicated by the Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[h] Exceptions to the proposition that the Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[i] Exceptions to the proposition that the Average Daily Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

Exhibit W contains data concerning deaths from intermittent fever and the coincident meteorological conditions. As is the case with congestive chills, the number of deaths from intermittent fever in 1876 was the smallest returned for any of the years 1869–1876.

EXHIBIT W.—INTERMITTENT FEVER.—*Deaths Returned as having occurred in Michigan from Intermittent Fever, by Months, during the Year 1876, and some coincident Meteorological conditions.*

MONTHS IN ORDER BY NUMBER OF DEATHS FROM INTERMITTENT FEVER, GREATEST FIRST.		Deaths from Intermittent Fever, 1876.		Temperature, — Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, etc.,—Monthly Averages.			Ozone,—Relative. Maximum = 10.		Barometer Reduced to 32° Fahrenheit,—Average.	Rain and Melted Snow, in Inches.	Range of Barometer.	
				Average Range.											
		Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air. [a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.			Monthly, and Year.	Average Daily.
Year, 1876...		36	100.00	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	30.55	1.860	.138
More than Av. No. of Deaths.	Sept. ..	10	27.78	15.20	18.00	56.30	83	.391	4.43	2.60	1.73	[g] 28.995	3.65	[h] .500	[i] .087
	Oct. ...	7	19.44	14.94	16.45	[d] 43.74	76	.220	[e] 2.56	3.45	3.48	[g] 28.929	1.26	[h] .923	.149
	April ..	4	11.11	[b] 12.80	[c] 14.47	[d] 44.16	66	.195	[e] 2.26	[f] 3.70	[f] 5.53	[g] 29.000	2.08	1.508	.159
	June...	4	11.11	[b] 13.17	16.53	68.14	79	.539	5.95	1.87	2.27	[g] 28.911	4.34	[h] .511	[i] .075
	Jan.....	3	8.33	[b] 10.81	[c] 15.77	[d] 30.22	84	.157	[e] 1.88	[f] 5.32	[f] 6.90	29.073	1.63	1.626	.255
Average		3	8.33	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	2.55	1.010	.138
Less than the Average No. of Deaths.	Feb.....	2	5.56	12.76	[c] 16.66	27.38	84	.131	1.57	5.76	7.27	[g] 29.063	3.04	[h] 1.033	[i] .176
	Dec....	2	5.56	12.84	14.90	15.23	92	.088	1.09	4.57	4.81	[g] 29.203	1.29	[h] 1.090	[i] .178
	March.	1	2.78	12.84	14.39	30.55	95	.150	1.78	6.06	7.00	28.929	4.84	[h] 1.812	[i] .223
	May....	1	2.77	[b] 15.26	[c] 17.90	[d] 57.95	73	.349	[e] 3.93	[f] 3.10	4.13	29.009	4.13	[h] 1.214	.121
	July...	1	2.78	[b] 15.87	[c] 17.90	[d] 72.48	78	.617	[e] 6.76	[f] 2.16	[f] 1.58	29.009	2.10	.507	.070
	Nov....	1	2.78	8.98	12.00	36.33	85	.191	2.26	[f] 3.57	[f] 3.33	28.953	.91	.940	.102
	August	....	.....	[b] 17.74	[c] 20.97	[d] 71.55	76	.576	[e] 6.31	[f] 1.97	[f] 1.26	[g] 29.048	1.28	.459	.061

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the Daily Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[c] Exceptions to the proposition that the Range of Temperature "from day to day" was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[d] Exceptions to the proposition that the Temperature was *higher* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[e] Exceptions to the proposition that the Absolute Humidity was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[f] Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[g] Exceptions to the proposition that the Atmospheric Pressure indicated by the Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[h] Exceptions to the proposition that the Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[i] Exceptions to the proposition that the Average Daily Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

Typhoid Fever.—426 deaths from typhoid fever were returned as having occurred in Michigan in 1876,—the smallest number returned for any of the years 1869–1876, except 1871. The number of deaths from this disease in each of the years 1869–1876, those years in which the largest number of deaths occurred being first in order, are as follows: 1873, 678 deaths; 1872, 621; 1874, 611; 1870, 574; 1869, 437; 1875, 433; 1876, 426; 1871, 357. In 1876 the number of deaths from typhoid fever was 3.39 per cent of the deaths from all

causes. In the four months of August, September, October, and November, 59.06 per cent of the deaths from this disease in 1876 occurred, and more than one-quarter of the decedents were between the ages of 15 and 25 years.

Exhibit X. combines the data concerning the deaths from typhoid fever and the coincident meteorological conditions. To the proposition that the ozone was less than the average in months when more than the average number of deaths occurred and that the ozone was more than the average in months when less than the average number of deaths occurred, there were only three exceptions for the day ozone, and only two for the night ozone.

EXHIBIT X.—TYPHOID FEVER.—*Deaths Returned as having occurred in Michigan form Typhoid Fever, by Months, during the year 1876, and some coincident Meteorological conditions.*

Months in Order by Number of Deaths from Typhoid Fever, Greatest First.		Deaths from Typhoid Fever, 1876.		Temperature,—Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc.—Monthly Averages.			Ozone,—Relative. Maximum=10.		Barometer Reduced to 32° Fahrenheit,—Average.	Rain and Melted Snow, in Inches.	Range of Barometer.	
				Average Range.											
		Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor, in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.			Monthly, and Year.	Average Daily.
Year, 1876...		[b]425	100.00	13.60°	16.33°	46.17°	81	.300	3.40	3.68	4.11	29.010	30.55	1.860	.138
More than Av. No. of Deaths.	Sept...	82	19.29	15.20	18.00	56.30	83	.391	4.43	2.60	1.73	[h] 28.995	3.65	[i] .500	[j].087
	Oct.....	66	15.53	14.94	16.45	[c] 43.74	76	.220	[f] 2.56	3.45	3.48	[h] 28.929	1.26	[i] .923	.149
	August	51	12.71	17.74	20.97	71.55	76	.576	6.31	1.97	1.26	29.048	1.28	[i] .459	[j].061
	Nov. ..	49	11.53	[c] 8.98	[d] 12.00	[c] 36.33	85	.191	[f] 2.26	3.57	3.33	[h] 28.953	.91	[i] .940	[j].102
Average.....		35	8.02	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	29.010	2.55	1.010	.138
Less than the Average No. of Deaths.	Dec....	34	8.00	12.84	14.90	15.23	92	.088	1.09	4.57	4.81	[h] 29.203	1.29	[i] 1.090	[j].178
	July...	29	6.82	[c] 15.87	[d] 17.90	[c] 72.48	78	.617	[f] 6.76	[g] 2.16	[g] 1.58	29.009	2.10	.507	.070
	April..	20	4.71	12.80	14.47	44.16	66	.195	2.26	3.70	5.53	29.000	2.08	[i] 1.508	[j].159
	March.	19	4.47	12.84	14.39	30.55	95	.150	1.78	6.06	7.00	28.929	4.84	[i] 1.812	[j].223
	June ..	19	4.47	13.17	[d] 16.53	[c] 68.14	79	.539	[f] 5.95	[g] 1.87	[g] 2.27	28.911	4.34	.511	.075
	Jan....	18	4.23	10.81	15.77	30.22	84	.157	1.88	5.32	6.90	[h] 29.073	1.63	[i] 1.626	[j].255
	Feb. ..	18	4.24	12.76	[d] 16.66	27.38	84	.131	1.57	5.76	7.27	[h] 29.063	3.04	[i] 1.033	[j].176
	May...	17	4.00	[c] 15.26	[d] 17.90	[c] 57.95	73	.349	[f] 3.93	[g] 3.10	4.13	29.009	4.13	[i] 1.214	.121

[a] See foot-notes to Exhibit K, page 264. [b] Excluding 1 in unknown month.

[c d] Exceptions to the proposition that the Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[c] Exceptions to the proposition that the Temperature was *higher* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[f] Exceptions to the proposition that the Absolute Humidity was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[g] Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[h] Exceptions to the proposition that the Atmospheric Pressure was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[i] Exceptions to the proposition that the Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

[j] Exceptions to the proposition that the Average Daily Range of Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

EXHIBIT 16.—DIARRHEA.—*Deaths Returned as having occurred in Michigan, from Diarrhea in July and August of each of the Years 1869–1876, the Average for the Eight Years ending with 1876, and some coincident Meteorological conditions, at the Agricultural College, near the center of the thickly-settled part of the State.*

JULY AND AUGUST OF EACH OF THE YEARS 1869–1876.		Number of Deaths from Diarrhea.	Temperature,—F.; Mean of 3 Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			Rain and Melted Snow, in Inches.	Humidity of Atmosphere, Etc.,—Monthly Averages.			Ozone,—Relative. Maximum =10.		Barometer Reduced to 32° Fahrenheit,—Average.[b]	Range of Barometer.	
			Average Range.											
			Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.		Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight in Grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		Monthly.	Average, Daily.
Average	July	63	16.59	19.51	71.91	4.057	77	.597	6.56	2.39	2.33	28.921	.612	.202
	August	103	17.56	19.85	69.88	2.476	78	.571	6.28	2.56	1.94	28.957	.589	.184
1869	July	37	[c] 15.20	------	70.35	[f] 5.768	[g] 79	.590	6.49	------	------	28.844	.624	------
	August	94	18.00	------	[e] 70.58	[f] 4.853	75	.598	[h] 6.56	------	------	[j] 28.968	.575	------
1870	July	88	[c] 17.32	19.32	74.40	8.024	79	.659	7.19	-----	------	[j] 28.836	.490	------
	August	123	[c] 18.22	19.06	70.11	4.530	81	.594	6.54	------	------	[j] 28.890	.641	------
1871	July	44	18.61	21.48	70.60	3.100	77	.579	6.35	------	------	28.891	1.371	------
	August	71	18.55	21.74	[e] 71.19	1.420	[g] 78	.586	[h] 6.43	------	------	28.907	.782	------
1872	July	80	16.45	[d] 19.55	74.91	[f] 3.360	77	.671	7.33	.88	2.28	28.924	.404	.081
	August	145	15.32	17.61	71.22	4.180	83	.650	7.15	.98	.99	28.967	.372	.060
1873	July	65	15.35	[d] 18.68	[e] 70.82	5.124	78	.588	[h] 6.45	3.59	3.06	[j] 28.914	.453	.083
	August	105	[c] 18.55	[d] 21.32	[e] 69.49	[f] .796	81	.570	6.29	3.55	2.65	[j] 28.927	.574	.084
1874	July	61	17.68	21.35	[e] 72.02	2.560	71	.539	6.00	[i] 1.80	[i] 1.50	28.907	.465	.078
	August	104	17.23	[d] 19.61	[e] 69.39	[f] 1.278	[g] 74	.527	[h] 5.75	2.80	[i] 1.10	[j] 28.924	.503	.065
1875	July	56	[c] 16.26	[d] 18.26	69.67	2.420	[g] 78	.535	5.91	3.52	3.22	[j] 29.044	.584	.096
	August	80	[c] 16.90	[d] 18.61	65.48	1.470	77	.470	5.22	3.50	3.70	[j] 29.025	.806	.052
1876	July	69	15.87	17.90	72.48	[f] 2.100	78	.617	6.76	2.16	1.58	29.009	.507	.070
	August	98	17.74	20.97	[e] 71.55	1.280	76	.576	[h] 6.31	[i] 1.97	[i] 1.26	[j] 29.048	.459	.061
Av. for 7 Yrs. (to compare with Range from Day to Day.)	July	66	------	------	------	------	----	------	------	------	------	------	------	------
	Aug.	104	------	------	------	------	----	------	------	------	------	------	------	------
Av. for Yrs. 1872–1876 (to compare with Ozone)	July	66	------	------	------	------	----	------	------	------	------	------	------	------
	Aug.	106	------	------	------	------	----	------	------	------	------	------	------	------

[a] See foot-notes to Exhibit K, page 264.

[b] Not corrected for instrumental error. (See Exhibit 12 and remarks thereon, page 259.)

[c] Exceptions to the proposition that the Average Daily Range of Temperature was *less* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[d] Exceptions to the proposition that the Average Range of Temperature "from day to day" was *less* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[e] Exceptions to the proposition that the Average Temperature was *higher* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[f] Exceptions to the proposition that the amount of rain and melted snow was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[g] Exceptions to the proposition that the Average Relative Humidity was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[h] Exceptions to the proposition that the Absolute Humidity was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[i] Exceptions to the proposition that the average Day or Night Ozone was *less* than the average for

Diarrhea.—Three hundred and four (304) deaths from diarrhea were returned as having occurred in this State in 1876, which is 2.42 per cent of the deaths from all causes. Nearly three-quarters (74.68 per cent) of these occurred in the three months of July, August and September; and 85.86 per cent of all the decedents from this disease were under five years of age.

Exhibit 16, page 272, permits of a study of the relations of atmospheric conditions to this disease during a series of years, though not all the months in those years are included because it has been found that the deaths occur mainly in the hottest months.

Exhibit 21, page 274, supplies data for a thorough study of the relations which this disease bears to atmospheric conditions during the single year 1876.

Table XXI. shows the number and per cent of deaths from diarrhea and from dysentery in 1876, by geographical divisions, in a few of which the deaths were sufficiently numerous to permit of useful study.

July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

] Exceptions to the proposition that the Atmospheric Pressure was *more* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

EXHIBIT 21.—DIARRHEA.—*Deaths Returned as having occurred in Michigan from Diarrhea, by Months, during the Year 1876, and some coincident Meteorological conditions at the Agricultural College, near Lansing, and near the center of the thickly-settled part of the State.*

Months in Order by Number of Deaths from Diarrhea, greatest first.	Deaths from Diarrhea, 1876.		Temperature,—Degrees Fahr.			Inches of Rain and Melted Snow.	Humid'y of Atmosp're. Av. of Obs. at 7 A. M., 2 P. M., and 9 P. M., daily.		Ozone, Relative,—Scale of 10 degrees of Coloration.		Pressure of Atmosphere. Inches of Mercury. (Reduced to 32° F.)		
			Range. Av. Daily, and for Year.								Range of Barometer.		
	Number.	Per Cent of Total.	Of Observations at 7 A. M., 2 P. M., and 9 P. M., Daily.	During Day and Follow'g Night, by Regist'g Thermometer, Obs. at 7 A. M.	Average of Daily Observations at 7 A. M., 2 P. M., and 9 P. M.		Relative Humidity, or Per Cent of Saturation.	Absolute Humidity—Grains of Vapor in a Cubic foot of Air.[a]	Day Observations,—7 A. M. to 2 P. M.	Night Observations,—9 P. M. to 7 A. M.	Monthly, and for Year.	Average Daily Range of Observations at 7 A. M., 2 P. M., and 9 P. M.	Average Pressure.
Year, 1876	303	100.00	13.60	21.06	46.17	30.55	81	3.40	3.68	4.11	1.860	.138	29.010
More than the Av. No. of Deaths. August	98	32.34	17.74	29.71	71.55	1.28	76	6.31	1.97	1.26	[h].459	[i].061	29.048
More than the Av. No. of Deaths. July	69	22.77	15.87	25.29	72.48	2.10	78	6.76	2.16	1.58	[h].507	[i].070	[j] 29.009
More than the Av. No. of Deaths. September	60	19.80	15.20	23.50	56.30	3.65	[d] 83	4.43	2.60	1.73	[h].500	[i].087	[j] 28.995
Average	25	8.25	13.60	21.06	46.17	2.55	81	3.40	3.68	4.11	1.011	.138	29.010
Less than the Average Number of Deaths. October	20	6.60	[b] 14.94	19.91	43.74	1.26	[d] 76	2.56	[f] 3.45	[f] 3.48	.923	[i].149	28.929
Less than the Average Number of Deaths. June	12	3.96	13.17	[b] 22.53	[c] 68.14	4.34	[d] 79	[e] 5.95	[f] 1.87	[f] 2.27	.517	.075	28.911
Less than the Average Number of Deaths. May	9	2.97	[b] 15.26	[b] 25.52	[c] 57.95	4.13	[d] 73	[e] 3.93	[f] 3.10	4.13	[h] 1.214	.121	29.009
Less than the Average Number of Deaths. December	9	2.97	12.84	19.26	15.23	1.29	92	1.09	4.57	4.81	[h] 1.090	[i].178	[j] 29.203
Less than the Average Number of Deaths. January	6	1.98	10.81	17.91	30.22	1.63	84	1.88	5.32	6.90	[h] 1.626	[i].255	[j] 29.073
Less than the Average Number of Deaths. February	6	1.98	12.76	17.31	27.38	3.04	84	1.59	5.76	7.27	[h] 1.033	[i].176	[j] 29.063
Less than the Average Number of Deaths. November	6	1.98	8.98	13.93	36 33	.91	85	2.26	[f] 3.57	[f] 3.33	.940	.102	28.953
Less than the Average Number of Deaths. March	4	1.32	12.84	18.38	30.55	4.84	95	1.78	6.06	7.00	[h] 1.812	[i].223	28.929
Less than the Average Number of Deaths. April	4	1.32	12.80	[b] 21.40	44.16	2.08	[d] 66	2.26	3.70	5.53	[h] 1.508	[i].159	29.000

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Range of Temperature was *greater* than the average, and *vice versa*.

[c] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily temperature was *higher* than the average, and *vice versa*.

[d] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Relative Humidity of the Atmosphere was *less* than the average, and *vice versa*.

[e] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Absolute Humidity of the Atmosphere was *greater* than the average, and *vice versa*.

[f] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the amount of Ozone in the Atmosphere was *less* than the average, and *vice versa*.

[h] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Monthly Range of Barometer was *greater* than the average, and *vice versa*.

[i] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Range of the Barometer was *greater* than the average, and *vice versa*.

[j] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Pressure of the Atmosphere was *greater* than the average, and *vice versa*.

Dysentery.—In 1876, 195 deaths occurred from dysentery in this State, according to the returns of deaths. A larger proportion of these were returned for August than for any other month, and in the two months of August and September, 65.13 per cent occurred. Less deaths were returned from this disease for 1876 than for any of the years 1869–1875, except the years 1871 and 1875.

TABLE XXI.—DIARRHEA AND DYSENTERY.—*Exhibiting, for the State and for Eleven Geographical Divisions of the State, the Number of Deaths Returned as having occurred from Diarrhea, from Dysentery, and from Typhoid Fever, and the Per Cent of Deaths from each Disease to Deaths from All Causes, during the Year 1876.*

STATE AND GEOGRAPHICAL DIVISIONS.[a]	DIARRHEA, 1876. ACUTE AND CHRONIC.		DYSENTERY, 1876. ACUTE AND CHRONIC.		TYPHOID FEVER, 1876.	
	Number of Deaths.	Per Cent of Deaths from Diarrhea to Deaths from all Causes.	Number of Deaths.	Per Cent of Deaths from Dysentery to Deaths from all Causes.	Number of Deaths.	Per Cent of Deaths from Typhoid Fever to Deaths from all Causes.
STATE	304	2.42	195	1.55	426	3.39
Upper-peninsular	20	2.96	14	2.07	25	3.70
Northwestern	14	6.48	5	2.31	2	.93
Northern	1	.68	1	.68	2	1.35
Northeastern	2	1.85	3	2.78	5	4.63
Western	48	3.73	23	1.79	42	3.27
Northern-central	1	.53	7	3.74	7	3.74
Bay and Eastern	36	2.22	21	1.30	37	2.28
Central	13	.67	33	1.69	98	5.03
Southwestern	9	.82	33	3.02	48	4.40
Southern-central	20	.86	21	.90	81	3.47
Southeastern	140	4.73	34	1.15	79	2.66

[a] For counties included in each Division, see page 168.

Rheumatism.—The deaths returned from Rheumatism in 1876 were few in number, and distributed somewhat uniformly through most of the months, the greatest numbers occurring in March and December. Exhibit 19, below, is given not so much for its value for this single year, as to supply a continuous series of such tables for use in the systematic study of the relations of meteorological conditions to this disease.

EXHIBIT 19.—RHEUMATISM.—*Deaths Returned as having occurred in Michigan from Rheumatism, by Months, during the Year 1876, and some coincident Meteorological conditions.*

Months in order by number of deaths from Rheumatism, greatest first.	Deaths.*		Temperature,-Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc.—Monthly Averages.			Ozone,—Relative. Maximum=10.		Rain and Melted Snow, in Inches.	Range of Barometer.		Barometer Reduced to 32° Fahrenheit,—Average.
			Av. Range.											
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		Monthly, and Year.	Average Daily.	
Year, 1876.....	63	100.00	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	30.55	1.860	.138	29.010
More than Av. No. of Deaths. March.....	9	14.29	12.84	14.39	30.55	95	.150	[b] 1.78	[c] 6.06	[c] 7.00	4.84	1.812	.223	[d] 28.929
December..	8	12.70	12.84	14.90	15.23	92	.088	[b] 1.09	[c] 4.57	[c] 4.81	1.29	1.090	.178	29.208
April.....	6	9.53	12.80	14.47	44.16	66	.195	[b] 2.26	[c] 3.70	[c] 5.53	2.08	1.508	.159	[d] 29.000
September.	6	9.53	15.20	18.00	56.30	83	.391	4.43	2.60	1.73	3.65	.500	.087	[d] 28.995
Average.....	5.2	8.33	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	2.55	1.010	.138	29.010
Less than the Average No. of Deaths. February...	5	7.94	12.76	16.66	27.38	84	.131	1.57	5.76	7.27	3.04	1.033	.176	[d] 29.063
May.....	5	7.94	15.26	17.90	57.95	73	.349	[b] 3.93	[c] 3.10	4.13	4.13	1.214	.121	29.009
July.....	5	7.94	15.87	17.90	72.48	78	.617	[b] 6.76	[c] 2.16	[c] 1.58	2.10	.507	.070	29.009
August.....	5	7.94	17.74	20.97	71.55	76	.576	[b] 6.31	[c] 1.97	[c] 1.26	1.28	.459	.061	[d] 29.048
October....	5	7.94	14.94	16.45	43.74	76	.220	2.56	[c] 3.45	[c] 3.48	1.26	.923	.149	28.929
January.....	4	6.35	10.81	15.77	30.22	84	.157	1.88	5.32	6.90	1.63	1.626	.255	[d] 29.073
June.....	3	4.76	13.17	16.53	63.14	79	.539	[b] 5.95	[c] 1.87	[c] 2.27	4.34	.511	.075	28.911
November..	2	3.17	8.98	12.00	36.33	85	.191	2.26	[c] 3.57	[c] 3.33	91	9.40	.102	28.953

* Includes deaths from Rheumatism of Heart, Inflammatory, Sciatic, of Stomach, and Rheumatism (unspecified); for numbers of deaths from each of these, and for months of deaths, ages of decedents, etc., see Table XVII., pages 200-244.

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the air contains *more* than the average amount of vapor of water in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

[c] Exceptions to the proposition that there was *less* than the average Ozone in the air in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

[d] Exceptions to the proposition that the Atmospheric Pressure was *greater* than the average in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

Scarlet Fever.—This disease is reported to have caused 399 deaths in Michigan in 1876, which is 3.17 per cent of the deaths from all causes. This is the smallest number returned for any of the years 1869–1876, except 1869. The number of deaths from Scarlet Fever returned for each of the years 1869–1876 is as follows: 1870, 852 deaths; 1871, 696; 1873, 580; 1872, 565; 1874, 440; 1875, 423; 1876, 399; 1869, 252. Scarlet Fever prevailed most during February, March, April, and May, 52.39 per cent of the deaths from this disease having occurred during those four months; and 56.14 per cent of all the decedents from Scarlet Fever in 1876 were under five years of age.

EXHIBIT Y.—SCARLET FEVER.—*Deaths from Scarlet Fever, Returned as having occurred in Michigan, by Months, during the Year 1876, and some coincident Meteorological conditions.*

Months in order by number of deaths from Scarlet Fever, greatest first.	Deaths from Scarlet Fever, 1876.		Temperature, — Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, etc.,—Monthly Averages.					Ozone,—Relative. Maximum = 10.		Barometer Reduced to 32° Fahrenheit,—Average.
			Average Range.										
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[a]	Weight, in Troy Ounces, of vapor Exhaled from Air in Passages in 24 hours in excess of vapor inhaled.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876	399	100.00	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than Av No. of Deaths. Feb.	56	14.04	12.76	16.66	27.38	84	.131	1.57	.98	10.70	5.76	7.27	29.063
More than Av No. of Deaths. May	55	13.78	15.26	17.90	[b] 57.95	73	.349	[c] 3.93	2.46	9.22	3.10	4.13	29.009
More than Av No. of Deaths. March	50	12.53	12.84	14.39	30.55	95	.150	1.78	1.11	10.57	6.06	7.00	28.929
More than Av No. of Deaths. April	48	12.03	12.80	14.47	44.16	66	.195	2.26	1.41	10.27	3.70	5.53	29.000
More than Av No. of Deaths. Jan.	39	9.77	10.81	15.77	30.22	84	.157	1.88	1.18	10.50	5.32	6.90	29.073
Average	33	8.33	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average No. of Deaths. Dec.	29	7.27	12.84	14.90	[b] 15.23	92	.088	[c] 1.09	.68	11.00	4.57	4.81	29.203
Less than the Average No. of Deaths. June	26	6.52	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
Less than the Average No. of Deaths. Nov.	24	6.02	8.98	12.00	[b] 36.33	85	.191	[c] 2.26	1.41	10.27	3.57	3.33	28.963
Less than the Average No. of Deaths. Oct.	23	5.76	14.94	16.45	[b] 43.74	76	.220	[c] 2.56	1.60	10.08	3.45	3.48	28.929
Less than the Average No. of Deaths. August	20	5.01	17.74	20.97	71.55	76	.576	6.31	3.94	7.74	1.97	1.26	29.048
Less than the Average No. of Deaths. Sept.	17	4.26	15.20	18.00	56.30	83	.391	4.43	2.77	8.91	2.60	1.73	28.995
Less than the Average No. of Deaths. July	12	3.01	15.87	17.90	72.48	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the Temperature was *lower* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

[c] Exceptions to the proposition that the Absolute Humidity of the Atmosphere was *less* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

EXHIBIT 16.—DIARRHEA.—*Deaths Returned as having occurred in Michigan, from Diarrhea in July and August of each of the Years 1869–1876, the Average for the Eight Years ending with 1876, and some coincident Meteorological conditions, at the Agricultural College, near the center of the thickly-settled part of the State.*

JULY AND AUGUST OF EACH OF THE YEARS 1869-1876.		Number of Deaths from Diarrhea.	Temperature,—F.; Mean of 3 Daily Observations,—7 A. M., 2 P. M., and 9 P. M. Average Range. Daily.	Average Range. From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Rain and Melted Snow, in Inches.	Humidity of Atmosphere, Etc.,—Monthly Averages. Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Ozone,—Relative. Maximum =10. Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Barometer Reduced to 32° Fahrenheit,—Average.[b]	Range of Barometer. Monthly.	Average, Daily.
Average	July	63	16.59	19.51	71.91	4.057	77	.597	6.56	2.39	2.33	28.921	.612	.201
	August	103	17.56	19.85	69.88	2.476	78	.571	6.28	2.56	1.94	28.957	.589	.184
1869	July	37	[c] 15.20	.....	70.35	[f] 5.768	[g] 79	.590	6.49	.....	.....	28.844	.624	.....
	August	94	18.00	.....	[e] 70.58	[f] 4.853	75	.598	[h] 6.56	.....	.....	[j] 28.968	.575	.....
1870	July	88	[c] 17.32	19.32	74.40	8.024	79	.659	7.19	.....	.....	[j] 28.836	.490	.....
	August	123	[c] 18.22	19.06	70.11	4.530	81	.594	6.54	.....	.....	[j] 28.890	.641	.....
1871	July	44	18.61	21.48	70.60	3.100	77	.579	6.35	.....	.....	28.891	1.371	.....
	August	71	18.55	21.74	[e] 71.19	1.420	[g] 78	.586	[h] 6.43	.....	.....	28.907	.782	.....
1872	July	80	16.45	[d] 19.55	74.91	[f] 3.360	77	.671	7.33	.88	2.28	28.924	.404	.081
	August	145	15.32	17.61	71.22	4.180	83	.650	7.15	.98	.99	28.967	.372	.060
1873	July	65	15.35	[d] 18.68	[e] 70.82	5.124	78	.588	[h] 6.45	3.59	3.06	[j] 28.914	.453	.083
	August	105	[c] 18.55	[d] 21.32	[e] 69.49	[f] .796	81	.570	6.29	3.55	2.65	[j] 28.927	.574	.084
1874	July	61	17.68	21.35	[e] 72.02	2.560	71	.539	6.00	[i] 1.80	[i] 1.50	28.907	.465	.078
	August	104	17.23	[d] 19.61	[e] 69.39	[f] 1.278	[g] 74	.527	[h] 5.75	2.80	[i] 1.10	[j] 28.924	.503	.065
1875	July	56	[c] 16.26	[d] 18.26	69.67	2.420	[g] 78	.535	5.91	3.52	3.22	[j] 29.044	.584	.096
	August	80	[c] 16.90	[d] 18.61	65.48	1.470	77	.470	5.22	3.50	3.70	[j] 29.025	.806	.052
1876	July	69	15.87	17.90	72.48	[f] 2.100	78	.617	6.76	2.16	1.58	29.009	.507	.070
	August	98	17.74	20.97	[e] 71.55	1.280	76	.576	[h] 6.31	[i] 1.97	[i] 1.26	[j] 29.048	.459	.061
Av. for 7 Yrs. (to compare with Range from Day to Day.)	July	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Aug.	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Av. for Yrs. 1872-1876 (to compare with Ozone)	July	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Aug.	106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] See foot-notes to Exhibit K, page 264.

[b] Not corrected for instrumental error. (See Exhibit 12 and remarks thereon, page 259.)

[c] Exceptions to the proposition that the Average Daily Range of Temperature was *less* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[d] Exceptions to the proposition that the Average Range of Temperature "from day to day" was *less* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[e] Exceptions to the proposition that the Average Temperature was *higher* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[f] Exceptions to the proposition that the amount of rain and melted snow was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[g] Exceptions to the proposition that the Average Relative Humidity was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[h] Exceptions to the proposition that the Absolute Humidity was *greater* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

[i] Exceptions to the proposition that the average Day or Night Ozone was *less* than the average for

Diarrhea.—Three hundred and four (304) deaths from diarrhea were returned as having occurred in this State in 1876, which is 2.42 per cent of the deaths from all causes. Nearly three-quarters (74.68 per cent) of these occurred in the three months of July, August and September; and 85.86 per cent of all the decedents from this disease were under five years of age.

Exhibit 16, page 272, permits of a study of the relations of atmospheric conditions to this disease during a series of years, though not all the months in those years are included because it has been found that the deaths occur mainly in the hottest months.

Exhibit 21, page 274, supplies data for a thorough study of the relations which this disease bears to atmospheric conditions during the single year 1876.

Table XXI. shows the number and per cent of deaths from diarrhea and from dysentery in 1876, by geographical divisions, in a few of which the deaths were sufficiently numerous to permit of useful study.

July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

†Exceptions to the proposition that the Atmospheric Pressure was *more* than the average for July or August in months of July or August when *more* than the average number of deaths from Diarrhea occurred, and *vice versa*.

EXHIBIT 21.—DIARRHEA.—*Deaths Returned as having occurred in Michigan from Diarrhea, by Months, during the Year 1876, and some coincident Meteorological conditions at the Agricultural College, near Lansing, and near the center of the thickly-settled part of the State.*

	Months in Order by Number of Deaths from Diarrhea, Greatest First.	Deaths from Diarrhea, 1876.		Temperature,—Degrees Fahr.			Inches of Rain and Melted Snow.	Humid'y of Atmosp're. Av. of Obs. at 7 A. M., 2 P. M., and 9 P. M., daily.		Ozone, Relative,—Scale of 10 degrees of Coloration.		Pressure of Atmosphere. Inches of Mercury. (Reduced to 32° F.)		
				Range. Av. Daily, and for Year.								Range of Barometer.		
		Number.	Per Cent of Total.	Of Observations at 7 A. M., 2 P. M., and 9 P. M., Daily.	During Day and Follow'g Night, by Regist'g Thermometer, Obs. at 7 A. M.	Average of Daily Observations at 7 A. M., 2 P. M., and 9 P. M.		Relative Humidity, or Per Cent of Saturation.	Absolute Humidity—Grains of Vapor in a Cubic foot of Air.[a]	Day Observations,—7 A. M. to 2 P. M.	Night Observations,—9 P. M. to 7 A. M.	Monthly, and for Year.	Average Daily Range of Observations at 7 A. M., 2 P. M., and 9 P. M.	Average Pressure.
Year, 1876		303	100.00	13.60	21.06	46.17	30.55	81	3.40	3.68	4.11	1.860	.138	29.010
More than the Av. No. of Deaths.	August	98	32.34	17.74	29.71	71.55	1.28	76	6.31	1.97	1.26	[h] .459	[i] .061	29.048
	July	69	22.77	15.87	25.29	72.48	2.10	78	6.76	2.16	1.58	[h] .507	[i] .070	[j] 29.009
	September	60	19.80	15.20	23.50	56.30	3.65	[d] 83	4.43	2.60	1.73	[h] .500	[i] .087	[j] 28.995
Average		25	8.25	13.60	21.06	46.17	2.55	81	3.40	3.68	4.11	1.011	.138	29.010
Less than the Average Number of Deaths.	October	20	6.60	[b] 14.94	19.91	43.74	1.26	[d] 76	2.56	[f] 3.45	[f] 3.48	.923	[i] .149	28.929
	June	12	3.96	13.17	[b] 22.53	[c] 68.14	4.34	[d] 79	[e] 5.95	[f] 1.87	[f] 2.27	.517	.075	28.911
	May	9	2.97	[b] 15.26	[b] 25.52	[c] 57.95	4.13	[d] 73	[e] 3.93	[f] 3.10	4.13	[h] 1.214	.121	29.009
	December	9	2.97	12.84	19.26	15.23	1.29	92	1.09	4.57	4.81	[h] 1.090	[i] .178	[j] 29.203
	January	6	1.98	10.81	17.91	30.22	1.63	84	1.88	5.32	6.90	[h] 1.626	[i] .255	[j] 29.073
	February	6	1.98	12.76	17.31	27.38	3.04	84	1.59	5.76	7.27	[h] 1.033	[i] .176	[j] 29.063
	November	6	1.98	8.98	13.93	36.33	.91	85	2.26	[f] 3.57	[f] 3.33	.940	.102	28.953
	March	4	1.32	12.84	18.38	30.55	4.84	95	1.78	6.06	7.00	[h] 1.812	[i] .223	28.929
	April	4	1.32	12.80	[b] 21.40	44.16	2.08	[d] 66	2.26	3.70	5.53	[h] 1.508	[i] .159	29.000

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Range of Temperature was *greater* than the average, and *vice versa*.

[c] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily temperature was *higher* than the average, and *vice versa*.

[d] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Relative Humidity of the Atmosphere was *less* than the average, and *vice versa*.

[e] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Absolute Humidity of the Atmosphere was *greater* than the average, and *vice versa*.

[f] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the amount of Ozone in the Atmosphere was *less* than the average, and *vice versa*.

[h] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Monthly Range of Barometer was *greater* than the average, and *vice versa*.

[i] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Range of the Barometer was *greater* than the average, and *vice versa*.

[j] Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Pressure of the Atmosphere was *greater* than the average, and *vice versa*.

Dysentery.—In 1876, 195 deaths occurred from dysentery in this State, according to the returns of deaths. A larger proportion of these were returned for August than for any other month, and in the two months of August and September, 65.13 per cent occurred. Less deaths were returned from this disease for 1876 than for any of the years 1869–1875, except the years 1871 and 1875.

TABLE XXI.—DIARRHEA AND DYSENTERY.—*Exhibiting, for the State and for Eleven Geographical Divisions of the State, the Number of Deaths Returned as having occurred from Diarrhea, from Dysentery, and from Typhoid Fever, and the Per Cent of Deaths from each Disease to Deaths from All Causes, during the Year 1876.*

STATE AND GEOGRAPHICAL DIVISIONS.[a]	DIARRHEA, 1876. ACUTE AND CHRONIC.		DYSENTERY, 1876. ACUTE AND CHRONIC.		TYPHOID FEVER, 1876.	
	Number of Deaths.	Per Cent of Deaths from Diarrhea to Deaths from all Causes.	Number of Deaths.	Per Cent of Deaths from Dysentery to Deaths from all Causes.	Number of Deaths.	Per Cent of Deaths from Typhoid Fever to Deaths from all Causes.
STATE	304	2.42	195	1.55	428	3.39
Upper-peninsular	20	2.96	14	2.07	25	3.70
Northwestern	14	6.48	5	2.31	2	.93
Northern	1	.68	1	.68	2	1.35
Northeastern	2	1.85	3	2.78	5	4.63
Western	48	3.73	23	1.79	42	3.27
Northern-central	1	.53	7	3.74	7	3.74
Bay and Eastern	36	2.22	21	1.30	37	2.28
Central	13	.67	33	1.69	98	5.03
Southwestern	9	.82	33	3.02	48	4.40
Southern-central	20	.86	21	.90	81	3.47
Southeastern	140	4.73	34	1.15	79	2.66

[a] For counties included in each Division, see page 168.

Rheumatism.—The deaths returned from Rheumatism in 1876 were few in number, and distributed somewhat uniformly through most of the months, the greatest numbers occurring in March and December. Exhibit 19, below, is given not so much for its value for this single year, as to supply a continuous series of such tables for use in the systematic study of the relations of meteorological conditions to this disease.

EXHIBIT 19.—RHEUMATISM.—*Deaths Returned as having occurred in Michigan from Rheumatism, by Months, during the Year 1876, and some coincident Meteorological conditions.*

Months in order by number of deaths from Rheumatism, greatest first.	Deaths.*		Temperature,-Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, Etc.—Monthly Averages.			Ozone,—Relative. Maximum=10.		Rain and Melted Snow, in Inches.	Range of Barometer.		Barometer Reduced to 32° Fahrenheit,—Average.
			Av. Range.											
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		Monthly, and Year.	Average Daily.	
Year, 1876.....	63	100.00	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	30.55	1.860	.138	29.010
More than Av. No. of Deaths. March.....	9	14.29	12.84	14.39	30.55	95	.150	[b] 1.78	[c] 6.06	[c] 7.00	4.84	1.812	.223	[d] 28.929
December..	8	12.70	12.84	14.90	15.23	92	.088	[b] 1.09	[c] 4.57	[c] 4.81	1.29	1.090	.178	29.206
April.....	6	9.53	12.80	14.47	44.16	66	.195	[b] 2.26	[c] 3.70	[c] 5.53	2.08	1.508	.159	[d] 29.000
September.	6	9.53	15.20	18.00	56.30	83	.391	4.43	2.60	1.73	3.65	.500	.087	[d] 28.995
Average.....	5.2	8.33	13.60	16.33	46.17	81	.300	3.40	3.68	4.11	2.55	1.010	.138	29.010
Less than the Average No. of Deaths. February...	5	7.94	12.76	16.66	27.38	84	.131	1.57	5.76	7.27	3.04	1.033	.176	[d] 29.063
May.....	5	7.94	15.26	17.90	57.95	73	.349	[b] 3.93	[c] 3.10	4.13	4.13	1.214	.121	29.009
July.....	5	7.94	15.87	17.90	72.48	78	.617	[b] 6.76	[c] 2.16	[c] 1.58	2.10	.507	.070	29.009
August.....	5	7.94	17.74	20.97	71.55	76	.576	[b] 6.31	[c] 1.97	[c] 1.26	1.28	.459	.061	[d] 29.048
October.. ..	5	7.94	14.94	16.45	43.74	76	.220	2.56	[c] 3.45	[c] 3.48	1.26	.923	.149	28.929
January....	4	6.35	10.81	15.77	30.22	84	.157	1.88	5.32	6.90	1.63	1.626	.255	[d] 29.073
June.....	3	4.76	13.17	16.53	63.14	79	.539	[b] 5.95	[c] 1.87	[c] 2.27	4.34	.511	.075	28.911
November..	2	3.17	8.98	12.00	36.33	85	.191	2.26	[c] 3.57	[c] 3.33	91	9.40	.102	28.953

* Includes deaths from Rheumatism of Heart, Inflammatory, Sciatic, of Stomach, and Rheumatism (unspecified); for numbers of deaths from each of these, and for months of deaths, ages of decedents, etc., see Table XVII., pages 200-244.

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the air contains *more* than the average amount of vapor of water in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

[c] Exceptions to the proposition that there was *less* than the average Ozone in the air in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

[d] Exceptions to the proposition that the Atmospheric Pressure was *greater* than the average in months when *more* than the average number of deaths from Rheumatism occurred, and *vice versa*.

Scarlet Fever.—This disease is reported to have caused 399 deaths in Michigan in 1876, which is 3.17 per cent of the deaths from all causes. This is the smallest number returned for any of the years 1869–1876, except 1869. The number of deaths from Scarlet Fever returned for each of the years 1869–1876 is as follows: 1870, 852 deaths; 1871, 696; 1873, 580; 1872, 565; 1874, 440; 1875, 423; 1876, 399; 1869, 252. Scarlet Fever prevailed most during February, March, April, and May, 52.39 per cent of the deaths from this disease having occurred during those four months; and 56.14 per cent of all the decedents from Scarlet Fever in 1876 were under five years of age.

EXHIBIT Y.—SCARLET FEVER.—*Deaths from Scarlet Fever, Returned as having occurred in Michigan, by Months, during the Year 1876, and some coincident Meteorological conditions.*

Months in order by number of deaths from Scarlet Fever, greatest first.	Deaths from Scarlet Fever, 1876.		Temperature, — Fahr.; Mean of three Daily Observations,—at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, etc.,—Monthly Averages.					Ozone,—Relative. Maximum = 10.		Barometer Reduced to 32° Fahrenheit,—Average.
			Average Range.										
	Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[a]	Weight, in Troy Ounces, of vapor Exhaled from Air Passages in 24 hours in excess of vapor Inhaled.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876.....	399	100.00	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than Av No. of Deaths. Feb.....	56	14.04	12.76	16.66	27.38	84	.131	1.57	.98	10.70	5.76	7.27	29.063
More than Av No. of Deaths. May.....	55	13.78	15.26	17.90	[b] 57.95	73	.349	[c] 3.93	2.46	9.22	3.10	4.13	29.009
More than Av No. of Deaths. March.....	50	12.53	12.84	14.39	30.55	95	.150	1.78	1.11	10.57	6.06	7.00	28.929
More than Av No. of Deaths. April.....	48	12.03	12.80	14.47	44.16	66	.195	2.26	1.41	10.27	3.70	5.53	29.000
More than Av No. of Deaths. Jan.....	39	9.77	10.81	15.77	30.22	84	.157	1.88	1.18	10.50	5.32	6.90	29.073
Average	33	8.33	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average No. of Deaths. Dec.....	29	7.27	12.84	14.90	[b] 15.23	92	.088	[c] 1.09	.68	11.00	4.57	4.81	29.203
Less than the Average No. of Deaths. June.....	26	6.52	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
Less than the Average No. of Deaths. Nov.....	24	6.02	8.98	12.00	[b] 36.33	85	.191	[c] 2.26	1.41	10.27	3.57	3.33	28.953
Less than the Average No. of Deaths. Oct.....	23	5.76	14.94	16.45	[b] 43.74	76	.220	[c] 2.56	1.60	10.08	3.45	3.48	28.929
Less than the Average No. of Deaths. August....	20	5.01	17.74	20.97	71.55	76	.576	6.31	3.94	7.74	1.97	1.26	29.048
Less than the Average No. of Deaths. Sept.....	17	4.26	15.20	18.00	56.30	83	.391	4.43	2.77	8.91	2.60	1.73	28.995
Less than the Average No. of Deaths. July.....	12	3.01	15.87	17.90	72.48	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] See foot-notes to Exhibit K, page 264.

[b] Exceptions to the proposition that the Temperature was *lower* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

[c] Exceptions to the proposition that the Absolute Humidity of the Atmosphere was *less* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

Consumption.—One thousand five hundred and ninety (1,590) deaths from consumption were returned as having occurred in Michigan in 1876,—the largest number of deaths ever returned to this department as having been caused by this disease. No other disease is reported to have caused so many deaths in this State. In 1876 more than one-eighth (12.64 per cent) of the deaths from all causes were caused by consumption alone. The number of deaths from this disease in each of the years 1869–1876 is as follows: in 1876, 1,590 deaths; in 1875, 1,479; in 1872, 1,467; in 1870, 1,451; in 1873, 1,447; in 1871, 1,392; in 1874, 1,303; in 1869, 1,253.

EXHIBIT N.—CONSUMPTION.—*By Sex, the Number of Deaths Returned as having occurred in Michigan, from Consumption, during the Year 1876, by Months Equalized to Uniform Length of 30.44 days each; also the Average Number per Month.* (*Deaths in Unknown Month Excluded.*)

SEX.	TOTAL.	DEATHS FROM CONSUMPTION IN 1876, BY MONTHS OF EQUAL LENGTH.												
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Av'rage.
Total	[a] 1,585	78	121	138	142	150	139	134	122	157	140	127	137	132.08
Males....	698	36	48	63	56	63	62	63	59	77	58	57	56	58.17
Females.	887	42	73	75	86	87	77	71	63	80	82	70	81	73.92

[a] Excluding 3 deaths in Unknown month, and 1 male and 1 female lost in equalizing. The number of deaths from Consumption, as returned, is 1,590.

EXHIBIT O.—CONSUMPTION.—*Deaths from Consumption, Returned as having occurred in Michigan, by Months, during the Year 1876, and some coincident Meteorological conditions.*

MONTHS IN ORDER BY NUMBER OF DEATHS FROM CONSUMPTION, GREATEST FIRST.		DEATHS FROM CONSUMPTION, 1876.		Temperature, — Fahr.; Mean of three Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			HUMIDITY OF ATMOSPHERE, ETC., —MONTHLY AVERAGES.					OZONE, RELATIVE. MAXIMUM =10.		Barometer Reduced to 32° Fahrenheit,—Average.
				AVERAGE RANGE.										
		Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.a	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.a	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of Vapor Inhaled.a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876		b 1,587	100.00	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.62	4.11	29.010
More than the Average No. of Deaths.	Sept.	155	9.77	15.20	18.00	56.30	83	.391	4.43	2.77	8.91	2.60	1.73	28.995
	May	153	9.64	15.26	17.90	57.95	73	.349	3.93	2.46	9.22	3.10	4.13	29.009
	Oct.	143	9.01	14.94	16.45	c 43.74	76	.220	2.56	d 1.60	10.08	3.45	3.48	28.929
	March	140	8.82	12.84	14.39	c 30.55	95	.150	1.78	d 1.11	10.57	6.06	7.00	28.929
	April	140	8.82	12.80	14.47	c 44.16	66	.195	2.26	d 1.41	10.27	3.70	5.53	29.000
	Dec.	139	8.76	12.84	14.90	c 15.23	92	.088	1.09	d .68	11.00	4.57	4.81	29.203
	June	137	8.63	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
	July	136	8.57	15.87	17.90	72.48	78	.617	6.76	4.23	7.45	2.16	1.58	29.009
Average		132	8.33	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.62	4.11	29.010
Less than the Average No. of Deaths.	Nov.	125	7.88	8.98	12.00	36.33	85	.191	2.26	1.41	10.27	3.57	3.33	28.953
	August	124	7.81	17.74	20.97	c 71.55	76	.576	6.31	d 3.94	7.74	1.97	1.26	29.048
	Feb.	115	7.25	12.76	16.66	27.38	84	.131	1.57	.98	10.70	5.76	7.27	29.063
	Jan.	80	5.04	10.81	15.77	30.22	84	.157	1.88	1.18	10.50	5.32	6.90	29.073

a See foot-notes to Exhibit K, page 264.
b Excluding 3 in unknown month.
c Exceptions to the proposition that the Temperature was *higher* than the average in months when *more* than the average number of deaths from Consumption occurred, and *vice versa*.
d Exceptions to the proposition that *more* than an average amount of Vapor was inhaled in months in which there was *more* than the average number of deaths from Consumption, and *vice versa*.

Pneumonia.—This disease is reported to have caused 627 deaths in this State in 1876,—4.99 per cent of the deaths from all causes. Since the year 1870, the number of reported deaths from pneumonia has constantly increased up to the year 1875, the order of the years 1869–1876, years first in order in which occurred the greatest number of deaths from pneumonia, being as follows: 1874, 802 deaths; 1875, 745; 1873, 706; 1872, 641; 1876, 627; 1871, 441; 1869, 427; 1870, 378. By means of Exhibit P, page 281, the influence of the meteorological conditions upon the mortality from pneumonia may be studied. The propositions made in this exhibit are the opposite of those made concerning Consumption in Exhibit O, and to each proposition in Exhibit P there are only three exceptions.

EXHIBIT 18.—PNEUMONIA.—*Deaths Returned as having occurred in Michigan, from Pneumonia in February and March of each of the Years 1869–1876, the Average for the Eight Years ending with 1876, and some coincident Meteorological conditions, at the Agricultural College, near the center of the thickly-settled part of the State.*

FEBRUARY AND MARCH OF EACH OF THE YEARS 1869-1876.		Number of Deaths from Pneumonia.	Temperature,—F.; Mean of 3 Daily Observations,—7 A. M., 2 P. M., and 9 P. M.			Rain and Melted Snow, in Inches.	Humidity of Atmosphere, Etc.,—Monthly Averages.			Ozone,—Relative. Maximum =10.		Barometer Reduced to 32° Fahrenheit,—Average.[b]	Range of Barometer.	
			Average Range.											
			Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.		Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		Monthly.	Average Daily.
Average	Feb.	72	15.81	18.50	22.28	1.741	89	.118	1.41	5.06	6.37	28.877	1.160	.172
	March	83	14.97	17.12	29.77	2.498	84	.144	1.72	4.77	6.14	28.878	1.159	.181
1869	Feb.	64	17.10	------	[g] 26.66	2.950	95	.148	[k] 1.78	------	------	[q] 28.839	1.483	------
	March	72	17.40	------	27.60	1.653	[j] 82	.124	1.48	------	------	28.934	.717	------
1870	Feb.	46	[e] 15.46	[e] 17.89	[g] 24.25	1.203	[i] 84	.112	1.35	------	------	[q] 28.807	1.215	------
	March	44	[d] 14.58	[f] 16.48	[h] 30.28	3.007	84	.148	[l] 1.76	------	------	[r] 28.845	1.161	------
1871	Feb.	50	[c] 13.71	[e] 17.39	[g] 25.65	1.730	90	.132	[k] 1.58	------	------	[q] 28.816	.978	------
	March	64	[d] 14.42	19.26	[h] 38.18	3.910	[j] 83	.194	[l] 2.29	------	------	[r] 28.810	.844	------
1872	Feb.	64	20.41	23.21	21.34	.490	[i] 84	.100	1.23	[m] 4.00	[o] 6.00	[q] 28.842	1.107	.111
	March	75	17.32	19.97	24.75	2.040	85	.109	1.32	[n] 3.00	[p] 5.71	28.911	1.121	.166
1873	Feb.	110	14.61	18.71	[g] 19.10	.770	[i] 91	.117	1.43	4.21	5.93	28.847	.842	.197
	March	80	[d] 14.16	[f] 16.61	28.30	1.730	[j] 71	.127	1.52	[n] 4.09	[p] 5.80	[r] 28.852	1.307	.218
1874	Feb.	57	[c] 12.32	[e] 14.07	[g] 25.51	1.550	89	.128	[k] 1.55	5.53	[o] 6.10	28.928	1.387	.171
	March	108	13.52	16.45	32.30	1.786	83	.161	2.00	[n] 5.00	6.00	[r] 28.895	1.081	.133
1875	Feb.	116	20.14	21.57	[g] 8.35	2.198	[i] 94	.075	[k] .73	[m] 5.78	[o] 6.57	28.875	1.231	.206
	March	128	15.48	16.68	[h] 26.20	1.020	[j] 87	.136	[l] 1.63	[n] 5.70	[p] 6.19	28.844	1.231	.162
1876	Feb.	71	[c] 12.76	[e] 16.66	[g] 27.38	3.040	[i] 84	.131	[k] 1.59	5.76	7.27	29.063	1.033	.176
	March	107	12.84	14.39	30.55	4.840	[j] 95	.150	1.78	[n] 6.08	[p] 7.00	[r] 28.929	1.812	.223
Av. for Years 1870-1876 (to compare with Range from Day to Day.)	Feb.	73	------	------	------	------	----	------	------	------	------	---------	------	------
	Mar.	87	------	------	------	------	----	------	------	------	------	---------	------	------
Av. for Yrs. 1872-1876 (to compare with Ozone)	Feb.	84	------	------	------	------	----	------	------	------	------	---------	------	------
	Mar.	100	------	------	------	------	----	------	------	------	------	---------	------	------

[a] See foot-notes to Exhibit K, page 264.

[b] Not corrected for instrumental error previous to 1875. (See Exhibit 12 and remarks thereon, page 259.)

[c] Four out of eight cases in which the Average Daily Range of Temperature was *less* than the average and the deaths *less* than the average.

[d] Three out of eight cases in which the Average Daily Range of Temperature was *less* than the average and the deaths *less* than the average.

[e] Four out of seven cases in which the Average Range of Temperature "from day to day" and the numner of deaths were both *less* than the average.

[f] Two out of seven cases in which the Average Range of Temperature "from day to day," and the number of deaths were both *less* than the average.

[g] Seven out of eight cases in which the Average Temperature was *higher* and the deaths *less* than the average, or *vice versa*.

[h] Three out of eight cases in which the Average Temperature was *higher* and the deaths *less* than the average, or *vice versa*.

[i] [j] Five out of eight cases in which the Relative Humidity and the deaths were both *greater* than *the* average, or both *less* than the average.

EXHIBIT P.—PNEUMONIA.—*Deaths from Pneumonia, Returned as having occurred in Michigan, by Months, during the Year 1876, and some coincident Meteorological conditions.*

	Months in Order by Number of Deaths from Pneumonia, Greatest First.	Deaths from Pneumonia, 1876.		Temperature,—Fahr.; Mean of three Daily Observations, at 7 A. M., 2 P. M., and 9 P. M.			Humidity of Atmosphere, etc.,—Monthly Averages.					Ozone,—Relative. Maximum=10.		Barometer Reduced to 32° Fahr.,—Average.
				Average Range.										
		Number.	Per Cent of Total.	Daily.	From Day to Day,—2 P. M. to 2 P. M.	Temperature.	Relative Humidity, or Per Cent of Saturation.	Force or Pressure of Vapor, in Inches.	Weight, in Grains, of Vapor in a Cubic Foot of Air.[a]	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours.[a]	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of vapor inhaled.[a]	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	
Year, 1876		b626	100.00	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
More than Av. No. of Deaths.	March	107	17.09	12.84	14.39	30.55	95	.150	1.78	1.11	10.57	6.06	7.00	28.929
	Dec.	91	14.54	12.84	14.90	15.23	92	.088	1.09	.68	11.00	4.57	4.81	29.203
	Feb.	71	11.34	12.76	16.66	27.38	84	.131	1.57	.98	10.70	5.76	7.27	29.063
	April	68	10.86	12.80	14.47	44.16	66	.195	2.26	1.41	10.27	3.70	5.53	29.000
Average		52	8.33	13.60	16.33	46.17	81	.300	3.40	2.12	9.56	3.68	4.11	29.010
Less than the Average No. of Deaths.	May	50	7.99	15.26	17.90	57.95	73	.349	3.93	2.46	9.22	3.10	4.13	29.009
	Jan.	43	6.87	10.81	15.77	c 30.22	84	.157	1.88	d 1.18	10.50	5.32	6.90	29.073
	Nov.	40	6.39	8.98	12.00	c 36.33	85	.191	2.26	d 1.41	10.27	3.57	3.33	28.953
	Oct.	38	6.07	14.94	16.45	c 43.74	76	.220	2.56	d 1.60	10.08	3.45	3.48	28.929
	August	37	5.91	17.74	20.97	71.55	76	.576	6.31	3.94	7.74	1.97	1.26	29.048
	June	33	5.27	13.17	16.53	68.14	79	.539	5.95	3.72	7.96	1.87	2.27	28.911
	Sept.	28	4.47	15.20	18.00	56.30	83	.391	4.43	2.77	8.91	2.60	1.73	28.995
	July	20	3.19	15.87	17.90	72.43	78	.617	6.76	4.23	7.45	2.16	1.58	29.009

[a] See foot-notes to Exhibit K, page 264.
[b] Excluding 1 in unknown month.
[c] Exceptions to the proposition that the temperature was *greater* than the average in months when *less* than the average number of deaths from Pneumonia occurred, and *vice versa*.
[d] Exceptions to the proposition that *more* than the average amount of vapor was inhaled in months when *less* than the average number of deaths from Pneumonia occurred, and *vice versa*.

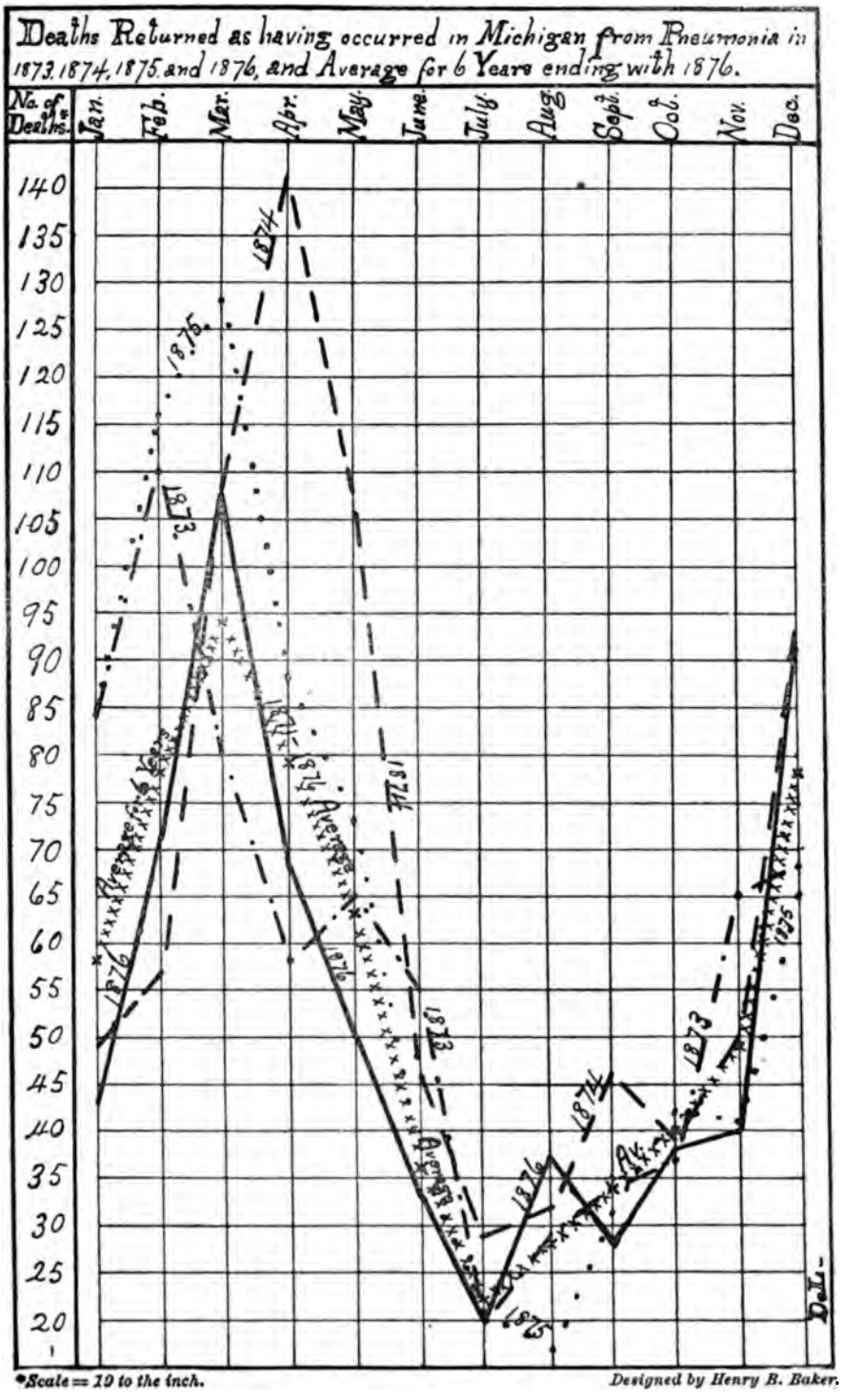
[k] Five out of eight cases in which the Absolute Humidity was *greater* and the deaths *less* than the average, or *vice versa*.
[l] Three out of eight cases in which the Absolute Humidity was *greater* and the deaths *less* than the average, or *vice versa*.
[m] Two out of five cases in which the Day Ozone and the deaths were both *greater* than the average or both *less* than the average.
[n] Five out of five cases in which the Day Ozone and the deaths were both *greater* than the average, or both *less* than the average.
[o] Three out of five cases in which the Night Ozone and the deaths were both *greater* than the average, or both *less* than the average.
[p] Four out of five cases in which the Night Ozone and the deaths were both *greater* than the average, or both *less* than the average.
[q] Four out of eight cases in which the Pressure of the Atmosphere and the deaths were both *greater* than the average or both *less* than the average.
[r] Five out of eight cases in which the Pressure of the Atmosphere and the deaths were both *greater* than the average, or both *less* than the average.

EXHIBIT 17.—PNEUMONIA.—*By Months, the Number of Deaths Returned as having occurred from Pneumonia, in Michigan, during each of the Years 1871–1876, and the Average for six years ending with 1876.*

YEARS.	Totals.	DEATHS FROM PNEUMONIA BY MONTHS, 1871–1876.												
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
1871.....	441	41	50	64	41	27	18	17	19	33	28	34	63	1
1872.....	611	46	64	75	79	53	29	26	31	29	56	63	89	2
1873.....	706	84	110	80	58	65	55	20	29	34	37	65	68	1
1874.....	800	49	57	108	141	108	46	29	32	46	39	50	93	2
1875.....	745	55	116	128	88	73	36	21	17	31	42	41	65	2
1876.....	627	43	71	107	68	50	33	20	37	23	33	40	91	1
Av. for 6 y'rs	660	58	78	94	79	63	36	22	28	34	40	49	78	2

Exhibit 17 should be compared with Exhibit 20, and inasmuch as such comparisons are greatly favored by picturing the facts so that the eye may aid the imagination to retain the characters of each set until the other set are grasped, Diagrams 9 and 10, pages 283 and 285, have been formed, showing graphically for each month in each year just how much the deaths rose or fell (increased or diminished in number), and how much the Ozone rose or fell (increased or decreased in quantity). It will be seen that as a rule the deaths rose high when, or directly after, the Ozone rose, and that the deaths lowered when the Ozone fell (in the warm weather), and that the deaths rose again in the autumn when the Ozone increased in quantity.

DIAGRAM No. 9.



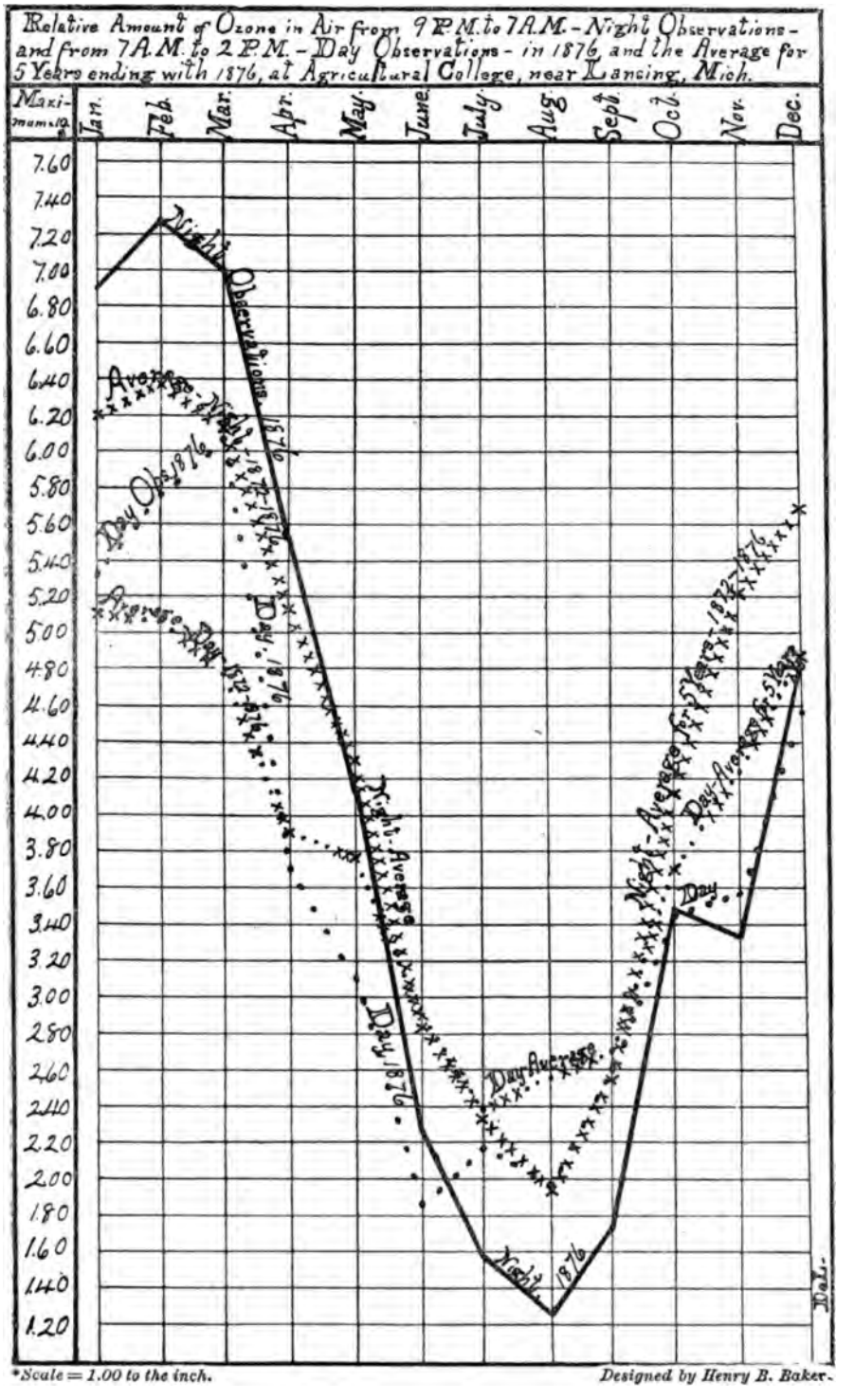
*Scale = 10 to the inch.

Designed by Henry B. Baker.

EXHIBIT 20.—*Relative Amount of Ozone in Air from 9 P. M. to 7 A. M.—Night Observations,—by Months, during the Years 1872, 1873, 1874, 1875, and 1876, and the Average for 5 years ending with 1876; also the Average for 5 years ending with 1876, from 7 A. M. to 2 P. M.,—Day Observations,—at Agricultural College, near Lansing, Michigan.*

YEARS.		Annual Average.	Relative Amount of Ozone, by Months. Maximum=10.										
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Day	1872	2.82	4.50	4.00	3.00	2.63	2.14	1.91	.88	.98	1.40	1.93	4.60	5.81
	1873	4.02	5.06	4.21	4.09	3.76	4.58	3.26	3.59	3.55	2.30	4.52	4.30	4.97
	1874	4.10	5.10	5.53	5.00	5.70	5.80	3.50	1.80	2.80	2.90	3.32	3.80	4.00
	1875	4.53	5.52	5.78	5.70	3.73	3.19	3.96	3.52	3.50	4.30	5.30	4.90	5.00
	1876	3.68	5.32	5.76	6.06	3.70	3.10	1.87	2.16	1.97	2.60	3.45	3.57	4.57
Av. for 5 years		3.83	5.10	5.06	4.77	3.90	3.76	2.90	2.39	2.56	2.70	3.70	4.23	4.87
Night	1872	4.24	5.44	6.00	5.71	5.30	3.84	3.23	2.23	.99	1.86	3.18	6.17	6.84
	1873	4.63	6.32	5.93	5.80	4.27	4.59	2.66	3.06	2.65	4.27	4.69	5.47	5.89
	1874	3.99	6.39	6.10	6.00	6.60	4.90	2.34	1.50	1.10	1.20	3.01	4.50	4.20
	1875	5.04	5.93	6.57	6.19	3.96	4.03	3.66	3.22	3.70	3.68	6.20	6.60	6.70
	1876	4.11	6.90	7.27	7.00	5.53	4.13	2.27	1.58	1.26	1.73	3.48	3.33	4.81
Av. for 5 years		4.40	6.20	6.37	6.14	5.13	4.30	2.83	2.33	1.94	2.55	4.11	5.21	5.69

DIAGRAM No. 10.


Relative Amount of Ozone in Air from 9 P.M. to 7 A.M. - Night Observations - and from 7 A.M. to 2 P.M. - Day Observations - in 1876, and the Average for 5 Years ending with 1876, at Agricultural College, near Lansing, Mich.
Maximum
Jan.
Feb.
Mar.
Apr.
May.
June.
July.
Aug.
Sept.
Oct.
Nov.
Dec.
7.60
7.40
7.20
7.00
6.80
6.60
6.40
6.20
6.00
5.80
5.60
5.40
5.20
5.00
4.80
4.60
4.40
4.20
4.00
3.80
3.60
3.40
3.20
3.00
2.80
2.60
2.40
2.20
2.00
1.80
1.60
1.40
1.20
Night Observations 1876
Night Average
Day Observations 1876
Day Average
Night 1876
Day 1876
Night Average
Day Average
Night
Day
Night 1876
Day Average
Night Average
Day
Night 1876
Day Average
Night Average
Day
Night 1876
Day Average
Night Average

CORRELATION OF CONSUMPTION AND PNEUMONIA.

These two diseases may be studied together in Tables XXII. and XXIII., pages 286 and 287, by sex, by months and by periods of age. A careful study of these two diseases reveals the fact that they or at least deaths from them seem to be dependent upon opposite surrounding conditions.

TABLE XXII.—CORRELATION OF CONSUMPTION AND PNEUMONIA.—*Deaths Returned as having occurred from Consumption and Pneumonia, in Michigan, during the Year 1876, by Months, Exhibiting the Total Number, Number of each Sex, Per Cent of Total, and Excess of Sex.*

MONTHS, 1876.	DEATHS FROM CONSUMPTION, 1876.							DEATHS FROM PNEUMONIA, 1876.							
	NUMBER.				Per Cent of each Sex to Total of both Sexes.			NUMBER.				Per Cent of each Sex to Total of both Sexes.			
	Males.	Females.	Total.	Per Ct. of Deaths in each Month to Total for Year.	Males.	Females.	Excess of Females.	Males.	Females.	Total.	Per Ct. of Deaths in each Month to Total for Year.	Males.	Females.	Excess. Males.	Excess. Females.
Year, 1876.....	700	890	1,590	100.00	44.03	55.97	11.94	364	263	627	100.00	58.05	41.95	16.10	.....
January.....	37	43	80	5.03	46.25	53.75	7.50	22	21	43	6.86	51.16	48.84	2.32	.....
February.....	b 46	69	b 115	7.23	40.00	60.00	20.00	37	b 34	b 71	11.32	52.11	47.89	4.22	.....
March.....	64	76	140	8.81	45.71	54.29	8.58	59	48	107	17.07	55.14	44.86	10.28	.....
April.....	b 55	85	140	8.81	39.29	60.71	21.42	45	23	68	10.85	66.18	33.82	32.36	.....
May.....	64	89	b 153	9.62	41.83	58.17	16.34	34	b 16	b 50	7.97	68.00	32.00	36.00	.....
June.....	b 61	76	b 137	8.62	44.53	55.48	10.95	22	b 11	b 33	5.26	66.67	33.33	33.34	.....
July.....	b 64	72	b 136	8.55	47.06	52.94	5.88	12	8	b 20	3.19	60.00	40.00	20.00	.....
August.....	b 60	64	124	7.80	48.39	51.61	3.22	21	16	37	5.90	56.76	43.24	13.52	.....
September....	b 76	79	b 155	9.75	49.03	50.97	1.94	16	b 12	b 28	4.47	57.14	42.86	14.28	.....
October.....	b 59	84	b 143	8.99	41.26	58.74	17.48	b 21	b 17	b 38	6.66	55.26	44.74	10.52	.....
November	56	69	125	7.86	44.80	55 20	10.40	20	20	40	6.38	50.00	50.00	.....	.....
December....	b 57	82	139	8.74	41.01	58.99	17.98	b 55	36	91	14.51	60.44	39.56	20.88	.....
Unknown.....	1		3	.19	33.33	66.67	33.34	..	1	1	.16	.....	100.00	.....	100.00
Average..... a	58	74	132	8.33	.....	.....	.....	30	22	52	8.33	.....	.....	.....	.....

a Excluding deaths in unknown month.
b *Less* than the average number of deaths from Consumption and *more* than the average from Pneumonia, and *vice versa*.

TABLE XXIII.—CORRELATION OF CONSUMPTION AND PNEUMONIA.—*Exhibiting the Number and Per Cent of Deaths of each Sex, the difference between the Sexes, and the Per Cent of Total Deaths at each Period of Age from Consumption and Pneumonia, Returned as having occurred in Michigan during the Year 1876.*

AGES IN PERIODS OF YEARS, 1876.	DEATHS FROM CONSUMPTION, 1876.								DEATHS FROM PNEUMONIA, 1876.							
	NUMBER.				PER CENT OF THE SEXES.				NUMBER.				PER CENT OF THE SEXES.			
							EXCESS.								EXCESS.	
	Males.	Females.	Total.	Per Cent of Deaths at each Age to Deaths at All Ages.	Males.	Females.	Males.	Females.	Males.	Females.	Total.	Per Cent of Deaths at each Age to Deaths at All Ages.	Males.	Females.	Males.	Females.
All Ages.	700	890	1,590	100.00	44.03	55.97	.....	11.94	364	263	627	100.00	58.05	41.95	16.10	.....
Under 5..	46	a 46	92	5.79	50.00	50.00	b	.....	160	a 131	291	46.41	54.98	45.02	9.96	b
5 to 10....	7	13	20	1.26	35.00	65.00	.....	30.00	15	14	29	4.63	51.72	48.28	3.44	.....
10 to 15...	10	31	41	2.58	24.39	75.61	.....	51.22	5	10	15	2.39	33.33	66.67	.....	33.34
15 to 20...	a 44	a 124	a 168	a 10.57	26.19	73.81	.....	47.62	a 14	a 11	a 25	a 3.99	56.00	44.00	12.00	.....
20 to 25...	a 64	a 135	a 199	a 12.52	32.16	67.84	b	35.68	a 10	a 6	a 16	a 2.55	62.50	37.50	25.00	b
25 to 30...	a 84	a 111	a 195	a 12.26	43.08	56.92	b	13.84	a 12	a 4	a 16	a 2.55	75.00	25.00	50.00	b
30 to 35...	a 58	a 83	a 141	a 8.87	41.13	58.87	b	17.74	a 11	a 7	a 18	a 2.87	61.11	38.89	22.22	b
35 to 40...	a 49	a 67	a 116	a 7.30	42.24	57.76	b	15.52	a 14	a 5	a 19	a 3.03	73.68	26.32	47.36	b
40 to 45...	a 41	46	87	5.47	47.13	52.87	.....	5.74	a 16	8	24	3.83	66.67	33.33	33.34	.....
45 to 50...	a 58	44	a 102	a 6.41	56.86	43.14	13.72	.....	a 13	8	a 21	a 3.35	61.90	38.10	23.80	.....
50 to 55...	36	42	78	4.91	46.15	53.85	.....	7.70	14	11	25	3.99	56.00	44.00	12.00	.....
55 to 60...	a 46	40	86	5.41	53.49	46.51	6.98	.....	a 11	4	15	2.39	73.33	26.67	46.66	.....
60 to 65...	a 45	26	71	4.46	63.38	36.62	26.76	b	a 14	12	26	4.15	53.85	46.15	7.70	b
65 to 70...	35	20	55	3.46	63.64	36.36	27.28	.....	19	13	32	5 10	59.38	40.62	18.76	.....
70 to 75...	37	20	57	3.58	64.91	35.09	29.82	.....	16	8	24	3.83	66.67	33 33	33.34	.....
75 to 80...	24	19	43	2.70	55.81	44.19	11.62	b	10	9	19	3 03	52.63	47.37	5.26	b
80 and over	6	9	15	.94	40.00	60.00	b	20.00	8	2	10	1.59	80.00	20.00	60.00	b
Unk'n....	10	14	24	1.51	41.66	58.34	b	16.68	2	....	2	.32	100.00	.....	100.00	b
Average c	40.6	51.5	92.0	5.79	46.21	53.79	.....	.....	21.3	15.5	36.8	5.86	61 10	38.90	.....	.....

a *More* than an average number and per cent of deaths from Consumption and *less* than an average number and per cent of deaths from Pneumonia, and *vice versa*.

b *More* than an average proportion of males from Consumption, and *less* than an average proportion of males from Pneumonia, and *vice versa*.

c Of 17 periods, of 5 years each, excluding deaths at unknown ages.

TABLE XXIV.—*Exhibiting for the State and Eleven Geographical Divisions in 1876, by Sex, the Number of Deaths Returned as having occurred from All Causes, from Consumption, Pneumonia, Typhoid Fever, Intermittent Fever, and Diarrhea; also the Per Cent of Deaths from Consumption, Pneumonia, Typhoid Fever, Intermittent Fever, and Diarrhea, to Deaths from All Causes.*

STATE AND GEOGRAPHICAL DIVISIONS. [a]	SEX.	Deaths from All Causes, 1876.	Consumption.		Pneumonia.		Typhoid Fever.		Intermittent Fever.		Diarrhea.	
			Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.
STATE.....[b]	To..	12,576	1,590	12.64	627	4.99	426	3.39	36	.29	304	2.42
	Ma..	6,756	700	10.36	364	5.39	233	3.45	16	.24	170	2.52
	Fe...	5,761	890	15.45	263	4.57	193	3.35	20	.35	132	2.29
	Unk.	59	.....	.....	.....	.....	.....	.....	.....	.....	2	3.39
Upper-penin'lar	To..	675	63	9.32	38	5.63	25	3.70	.....	.....	20	2.96
	Ma..	383	31	8.09	25	6.53	18	4.70	.....	.....	10	2.61
	Fe...	281	32	11.39	13	4.63	7	2.49	.....	.....	9	3.20
	Unk.	11	.....	.....	.....	.....	.....	.....	.....	.....	1	9.09
Northwestern..	To..	216	20	9.26	10	4.63	2	.93	1	.46	14	6.48
	Ma..	120	5	4.17	6	5.00	2	1.67	.....	.....	7	5.83
	Fe...	96	15	15.63	4	4.17	.....	.....	1	1.04	7	7.29
Northern	To..	148	22	14.86	7	4.73	2	1.35	.....	.....	1	.68
	Ma..	82	10	12.20	4	4.88	1	1.22	.....	.....	1	1.22
	Fe...	64	12	18.75	3	4.69	1	1.56	.....	.....	.....	.....
	Unk.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northeastern ..	To..	108	10	9.26	4	3.70	5	4.63	.....	.....	2	1.85
	Ma..	59	3	5.08	1	1.68	3	5.08	.....	.....	1	1.69
	Fe...	49	7	14.29	3	6.12	2	4.08	.....	.....	1	2.04
Western.....	To..	1,286	138	10.73	53	4.12	42	3.27	8	.62	48	3.73
	Ma..	697	64	9.18	28	4.17	18	2.58	5	.72	27	3.87
	Fe...	583	74	12.69	25	4.29	24	4.12	3	.51	21	3.60
	Unk.	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North'n-central	To..	187	29	15.51	3	1.60	7	3.74	1	.53	1	.53
	Ma..	91	11	12.09	.....	.....	3	3.30	.....	.....	1	1.10
	Fe...	96	18	18.75	3	3.13	4	4.17	1	1.04	.....	.....

[a] For counties included in each Division, see page 168.
[b] For counties and townships from which no returns of deaths in 1876 were received, see Exhibit H, page 141; for those in which no deaths occurred, see Exhibit I, page 142.

TABLE XXIV.—CONTINUED.

GEOGRAPHICAL DIVISIONS. [a]	SEX.	Deaths from All Causes, 1876.	CONSUMPTION.		PNEUMONIA.		TYPHOID FEVER.		INTERMITTENT FEVER.		DIARRHŒA.	
			Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.
Bay and East'rn	To...	1,620	185	11.42	84	5.19	37	2.28	10	.62	36	2.22
	Ma..	833	74	8.88	44	5.28	22	2.64	4	.48	23	2.76
	Fe...	772	111	14.38	40	5.18	15	1.94	6	.78	12	1.55
	Unk.	15	.....	.....	.....	.....	.....	.....	.....	.....	1	6.67
Central	To...	1,948	248	12.73	73	3.75	98	5.03	3	.15	13	.67
	Ma..	1,016	104	10.24	46	4.53	56	5.51	2	.20	6	.59
	Fe...	922	144	15.63	27	2.72	42	4.56	1	.11	7	.76
	Unk.	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southwestern	To...	1,091	130	11.92	101	9.26	48	4.40	4	.37	9	.82
	Ma..	577	62	10.75	58	10.05	21	3.64	.....	.....	7	1.21
	Fe...	514	68	13.23	43	8.37	27	5.25	4	.78	2	.39
South'n central	To...	2,331	346	14.84	99	4.25	81	3.47	2	.09	20	.86
	Ma..	1,232	149	12.09	54	4.38	48	3.90	.....	.....	11	.89
	Fe...	1,095	197	17.99	45	4.11	33	3.01	2	.18	9	.82
	Unk.	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southeastern	To...	2,966	399	13.45	155	5.23	79	2.66	7	.24	140	.47
	Ma..	1,666	187	11.22	98	5.88	41	2.46	5	.30	76	4.56
	Fe...	1,289	212	16.45	57	4.42	38	2.95	2	.16	64	4.97
	Unk.	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] For counties included in each Division, see page 168.

TABLE XXV.—*Exhibiting for the State and by Counties, for the Year 1876, the Number of Deaths Returned as having occurred from All Causes, from Consumption, Pneumonia, Typhoid Fever, Intermittent Fever, and Diarrhea; also the Per Cent of Deaths from Consumption, Pneumonia, Typhoid Fever, Intermittent Fever, and Diarrhea to Deaths from All Causes.*

STATE AND COUNTIES.	Deaths from All Causes, 1876.	Consumption.		Pneumonia.		Typhoid Fever.		Intermit. Fever.		Diarrhea.	
		Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.
STATE	12,576	1,590	12.64	627	4.99	426	3.39	36	.29	304	2.42
Alcona	8	2	25.00	1	12.50	1	12.50	.....	.....	.....	.....
Allegan	311	29	9.32	33	10.61	14	4.50	.....	.....	2	.64
Alpena	43	3	6.98	2	4.65	1	2.33	.....	.....	1	2.33
Antrim [a]	19	3	15.79	1	5.26	.....	.....	.....	.....	.....	.....
Baraga	27	6	22.22	.....	.....	1	3.70	.....	.....	.....	.....
Barry	196	21	10.71	4	2.04	10	5.10	.....	.....	2	1.02
Bay [a]	257	17	6.61	16	6.23	6	2.33	2	.78	6	2.33
Benzie	26	3	11.54	1	3.85	.....	.....	.....	.....	.....	.....
Berrien	335	43	12.84	26	7.76	13	3.88	1	.30	6	1.79
Branch	309	45	14 56	21	6.80	13	4.21	.....	.....	3	.97
Calhoun	238	35	14.71	11	4.62	5	2.10	1	.42	3	1.26
Cass	189	24	12.70	11	5.82	9	4.76	1	.53	1	.53
Charlevoix	33	7	21.21	3	9.09	.....	.....	.....	.....	1	3.03
Cheboygan [a]	14	1	7.14	.....	.....	.....	.....	.....	.....	.....	.....
Chippewa [a]	31	10	32.26	1	3.23	.....	.....	.....	.....	3	9.68
Clare [a]	16	3	18.75	.....	.....	1	6.25	.....	.....	1	6.25
Clinton	187	23	12.30	7	3.74	7	3.74	.....	.....	2	1.07
Delta [a]	38	8	21.05	3	7.92	2	5.26	.....	.....	2	5.26
Eaton	236	29	12.29	10	4.24	10	4.24	1	.42	1	.42
Emmet	65	10	15.38	2	3.08	2	3.08	.....	.....	.....	.....
Genesee [a]	255	33	12.94	8	3.14	11	4.31	1	.39	1	.39
Gladwin	1	.....	.....	1	100.00	.....	.....	.....	.....	.....	.....
Gd. Traverse	45	5	11.11	3	6.67	1	2.22	.....	.....	.....	.....
Gratiot	89	7	7.87	1	1.12	3	3.37	.....	.....	.....	.....
Hillsdale [a]	213	36	16.90	6	2.82	10	4.69	.....	.....	.....	.....
Houghton	183	7	3.83	5	2.73	6	3.28	.....	.....	1	.55
Huron	82	9	10.98	2	2.44	2	2.44	1	1.22	1	1.22
Ingham	255	27	10.59	15	5.88	16	6.27	.....	.....	.....	.....
Ionia [a]	231	38	16.45	4	1.73	15	6.49	.....	.....	3	1.30
Iosco [a]	40	4	10.00	1	2.50	3	7.50	.....	.....	1	2.50
Isabella [a]	84	14	16.67	1	1.19	5	5.95	1	1.19	.....	.....
Isle Royal	5	.....	.....	1	20.00	.....	.....	.....	.....	.....	.....
Jackson	331	42	12.69	10	3.02	9	2.72	.....	.....	4	1.21
Kalamazoo	324	45	13.89	17	5.25	4	1.23	.....	.....	3	.93
Kalkaska	13	1	7.69	.....	.....	.....	.....	.....	.....	.....	.....
Kent	612	78	12.75	28	4.58	22	3.59	4	.65	26	4.25
Keweenaw	74	1	1.35	6	8.11	4	5.41	.....	.....	1	1.35
Lake	13	1	7.69	.....	.....	.....	.....	.....	.....	.....	.....
Lapeer	173	19	10.98	12	6.94	3	1.73	2	1.16	2	1.16
Leelanaw	40	4	10.00	3	7.50	1	2.50	1	2.50	2	5.00
Lenawee	395	65	16.46	7	1.77	16	4.05	1	.25	3	.76
Livingston	158	25	15.82	7	4.43	7	4.43	.....	.....	1	.63

[a] For townships not represented by returns of deaths for 1876, see Exhibit H, page 141.

TABLE XXV.—CONTINUED.

COUNTIES.	Deaths from All Causes, 1876.	CONSUMPTION.		PNEUMONIA.		TYPHOID FEVER.		INTERMIT. FEVER.		DIARRHEA.	
		Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Deaths.	Per Cent to Deaths from All Causes.	Number of Dea's.	Per Cent to Deaths from All Causes.
Mackinac	23	5	21.74	1	4.35	1	4.35	.....	.....	.....	.....
Macomb	260	42	16.15	8	3.08	4	1.54	.....	.....	10	3.85
Manistee	74	6	8.11	3	4.05	.....	.....	.....	.....	11	14.86
Manitou[a]	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marquette	250	23	9.20	18	7.20	11	4.40	.....	.....	8	3.20
Mason	63	7	11.11	.....	.....	.....	.....	.....	.....	3	4.76
Mecosta[a]	46	7	15.22	.....	.....	1	2.17	.....	.....	.....	.....
Menominee	20	1	5.00	.....	.....	.....	.....	.....	.....	5	25.00
Midland	40	5	12.50	1	2.50	.....	.....	.....	.....	.....	.....
Missaukee	5	1	20.00	.....	.....	.....	.....	.....	.....	.....	.....
Monroe[a]	196	34	17.35	14	7.14	6	3.06	1	.51	2	1.02
Montcalm[a]	152	22	14.47	10	6.58	6	3.95	1	.66	1	.66
Muskegon	120	10	8.33	3	2.50	2	1.67	1	.83	3	2.50
Newaygo[a]	68	4	5.88	3	4.41	5	7.35	1	1.47	.....	.....
Oakland[a]	268	47	17.54	13	4.85	10	3.73	2	.75	2	.75
Oceana	83	4	4.82	3	3.61	.....	.....	.....	.....	1	1.20
Ogemaw[a]	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ontonagon	24	2	8.33	3	12.50	.....	.....	.....	.....	.....	.....
Osceola	68	7	10.29	1	1.47	3	4.41	.....	.....	4	5.88
Otsego[a]	4	.....	.....	1	25.00	.....	.....	.....	.....	.....	.....
Ottawa	259	27	10.42	15	5.79	10	3.86	2	.77	11	4.25
Presque Isle[a]	13	1	7.69	.....	.....	.....	.....	.....	.....	.....	.....
Roscommon[b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saginaw	503	68	13.52	29	5.77	12	2.39	5	.99	21	4.17
Sanilac	144	17	11.81	5	3.47	3	2.08	.....	.....	3	2.08
Schoolcraft[b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shiawassee	189	23	12.17	7	3.70	13	6.88	.....	.....	2	1.06
St. Clair	336	40	11.90	17	5.06	6	1.79	.....	.....	2	.60
St. Joseph	219	30	13.70	11	5 02	6	2.74	.....	.....	1	.46
Tuscola	125	15	12.00	3	2.40	5	4.00	.....	.....	1	.80
Van Buren	256	34	13.28	31	12.11	12	4.69	2	.78	.....	.....
Washtenaw	302	48	15.89	16	5 30	18	5.96	.....	.....	3	.99
Wayne	2,242	276	12.31	120	5.35	59	2.63	4	.18	126	5.62
Wexford[a]	23	1	4.35	.....	.....	.....	.....	.....	.....	1	4.35

[a] For townships not represented by returns of deaths for 1876, see Exhibit H, page 141.
[b] No returns of deaths to county clerk.

TABLE XXVI.—*Exhibiting for the State, and Eleven Geographical Divisions of Michigan, by Sex, the Number of Deaths Returned as having occurred at All Ages, from Old Age, of All Aged 70 and Over, and of All Aged under 5; also the Per Cent of Deaths from Old Age, of All Aged 70 and Over, and of All Aged under 5, to Deaths at All Ages, for the Year 1876.*

STATE AND GEOGRAPHICAL DIVISIONS.[a]	SEX.	Deaths at All Ages, 1876.	OLD AGE.		AGED 70 AND OVER.		AGED UNDER 5.	
			Number of Deaths.	Per Cent to Deaths at All Ages.	Number of Deaths.	Per Cent to Deaths at All Ages.	Number of Deaths.	Per Cent to Deaths at All Ages.
STATE[b]	Total	12,576	483	3.84	1,334	10.61	5,121	40.72
	Males	6,756	228	3.37	771	11.41	2,798	41.42
	Females	5,761	255	4.43	563	9.77	2,281	39.59
	Unknown	59	.....	.....	.....	.....	42	71.19
Upper-peninsular	Total	675	16	2.37	22	3.26	380	56.30
	Males	383	7	1.83	12	3.13	201	52.48
	Females	281	9	3.20	10	3.56	175	62.28
	Unknown	11	.....	.....	.....	.....	4	36.36
Northwestern	Total	216	7	3.24	9	4.17	107	49.54
	Males	120	4	3.33	5	4.17	60	50.00
	Females	96	3	3.13	4	4.17	47	48.96
Northern	Total	148	3	2.03	10	6.76	84	56.76
	Males	82	2	2.44	6	7.32	51	62.20
	Females	64	1	1.56	4	6.25	31	48.44
	Unknown	2	.....	.....	.....	.....	2	100.00
Northeastern	Total	108	2	1.85	4	3.70	58	53.70
	Males	59	1	1.69	2	3.39	38	64.41
	Females	49	1	2.04	2	4.08	20	40.82
Western	Total	1,286	52	4.04	112	8.71	625	40.82
	Males	697	29	4.16	69	9.90	353	50.65
	Females	583	23	3.95	43	7.38	266	45.63
	Unknown	6	.....	.....	.....	.....	6	100.00
Northern-central	Total	187	1	.53	8	4.28	90	48.13
	Males	91	.....	.....	6	6.59	45	49.45
	Females	96	1	1.04	2	2.08	45	46.88
Bay and Eastern	Total	1,620	61	3.77	125	7.72	775	47.84
	Males	833	32	3.84	77	9.24	402	48.26
	Females	772	29	3.76	48	6.22	359	46.50
	Unknown	15	.....	.....	.....	.....	14	93.33

[a] For counties included in each Division, see page 168.
[b] For counties and townships from which no returns of deaths in 1876 were received, see Exhibit H, page 141; for those in which no deaths occurred, see Exhibit I, page 142.

TABLE XXVI.—CONTINUED.

GEOGRAPHICAL DIVISIONS.[a]	SEX.	Deaths At All Ages, 1876.	OLD AGE.		AGED 70 AND OVER.		AGED UNDER 5.	
			Number of Deaths.	Per Cent to Deaths at All Ages.	Number of Deaths.	Per Cent to Deaths at All Ages.	Number of Deaths.	Per Cent to Deaths at All Ages.
Central	Total	1,948	83	4.26	253	12.99	704	36.14
	Males	1,016	42	4.13	140	13.78	378	37.20
	Females	922	41	4.45	113	12.15	317	34.38
	Unknown	10	.....	.....	.....	.....	9	90.00
Southwestern	Total	1,091	33	3.03	122	11.18	394	36.11
	Males	577	11	1.91	63	10.92	222	38.47
	Females	514	22	4.28	59	11.48	172	33.46
Southern-central	Total	2,331	108	4.63	352	15.10	698	29.94
	Males	1,232	43	3.49	204	16.56	377	30.60
	Females	1,095	65	5.94	148	13.52	318	29.04
	Unknown	4	.....	.....	.....	.....	3	75.00
Southeastern	Total	2,966	117	3.94	317	10.69	1,206	40.66
	Males	1,666	57	3.42	187	11.22	671	40.28
	Females	1,289	60	4.65	130	10.09	531	41.19
	Unknown	11	.....	.....	.....	.....	4	36.36

[a] For counties included in each Division, see page 168.

TABLE XXVII.—*Exhibiting for the State and Counties of Michigan, the Number of Deaths Returned as having occurred at All Ages, from Old Age, of All Aged 70 and Over, and of All Aged under 5; also the Per Cent of Deaths from Old Age, of All Aged 70 and Over, and of All Aged under 5, to Deaths at all Ages, for the Year 1876.*

STATE AND COUNTIES.	ALL AGES.	OLD AGE.		AGED 70 AND OVER.		AGED UNDER 5.	
	Number of Deaths, 1876.	Number of Deaths.	Per Ct. to Deaths at All Ages.	Number of Deaths.	Per Ct. to Deaths at All Ages.	Number of Deaths.	Per Ct. to Deaths at All Ages.
STATE	12,576	483	3.84	1,334	10.61	5,121	40.72
Alcona	8	.....	.....	.....	.....	2	25.00
Allegan	311	15	4.82	35	11.25	116	37.30
Alpena	43	.....	.....	.....	.....	24	55.81
Antrim[a]	19	.....	.....	.....	.....	14	73.68
Baraga	27	1	3.70	1	3.70	13	48.15
Barry	196	7	3.57	23	11.73	66	33.67
Bay[a]	257	4	1.56	9	3.50	152	59.14
Benzie	26	2	7.69	3	11.54	10	38.46
Berrien	335	10	2.99	32	9.55	130	38.81
Branch	309	9	2.91	37	11.97	93	30.10
Calhoun	238	10	4.20	34	14.29	50	21.01
Cass	189	2	1.06	25	13.23	68	35.98
Charlevoix	33	.....	.....	3	9.09	16	48.48
Cheboygan[a]	14	2	14.29	3	21.43	4	28.57
Chippewa[a]	31	.....	.....	2	6.45	14	45.16
Clare[a]	16	.....	.....	.....	.....	10	62.50
Clinton	187	3	1.60	19	10.16	75	40.11
Delta[a]	38	2	5.26	4	10.53	18	47.37
Eaton	236	10	4.24	33	13.98	83	35.17
Emmet	65	1	1.54	4	6.15	38	58.46
Genesee[a]	255	15	5.88	44	17.25	86	33.73
Gladwin	1	.....	.....	.....	.....	1	100.00
Grand Traverse	45	1	2.22	2	4.44	19	42.22
Gratiot	89	3	3.37	8	8.99	44	49.44
Hillsdale[a]	213	8	3.76	31	14.55	61	28.64
Houghton	183	.....	.....	.....	.....	129	70.49
Huron	82	3	3.66	8	9.76	39	47.56
Ingham	255	16	6.27	35	13.73	85	33.33
Ionia[a]	231	12	5.19	32	13.85	81	35.06
Iosco[a]	40	2	5.00	4	10.00	21	52.50
Isabella[a]	84	1	1.19	4	4.76	41	48.81
Isle Royal[b]	5	.....	.....	.....	.....	.....	.....
Jackson	331	19	5.74	41	12.39	124	37.46
Kalamazoo	324	15	4.63	47	14.51	94	29.01
Kalkaska	13	.....	.....	.....	.....	11	84.62
Kent	612	27	4.41	57	9.31	299	48.86
Keweenaw	74	1	1.35	2	2.70	41	55.41
Lake	13	2	15.38	2	15.38	6	46.15

[a] For townships not represented by returns of deaths in 1876, see Exhibit H, page 141.
[b] No returns of deaths to county clerk.

TABLE XXVII.—CONTINUED.

COUNTIES.	ALL AGES.	OLD AGE.		AGED 70 AND OVER.		AGED UNDER 5.	
	Number of Deaths, 1876.	Number of Deaths.	Per Ct. to Deaths at All Ages.	Number of Deaths.	Per Ct. to Deaths at All Ages.	Number of Deaths.	Per Ct. to Deaths at All Ages.
Lapeer	173	10	5.78	18	10.40	74	42.77
Leelanaw	40	1	2.50	1	2.50	16	40.00
Lenawee	395	18	4.56	59	14.94	117	29.62
Livingston	158	4	2.53	28	17.72	48	30.38
Mackinac	23	1	4.35	1	4.35	4	17.39
Macomb	260	12	4.62	55	21.15	86	33.08
Manistee	74	2	2.70	2	2.70	47	63.51
Manitou[a]	3	-------	-------	-------	-------	2	66.67
Marquette	250	9	3.60	9	3.60	134	53.60
Mason	63	3	4.76	6	9.52	30	47.62
Mecosta[a]	46	-------	-------	2	4.35	16	34.78
Menominee	20	1	5.00	1	5.00	13	65.00
Midland	40	-------	-------	2	5.00	22	55.00
Missaukee	5	-------	-------	-------	-------	-------	-------
Monroe[a]	196	10	5.10	38	19.39	63	32.14
Montcalm[a]	152	4	2.63	8	4.26	74	48.68
Muskegon	120	1	.83	5	4.17	64	53.33
Newaygo[a]	68	3	4.41	5	7.35	31	45.59
Oakland[a]	268	17	6.34	44	16.42	64	23.88
Oceana	83	-------	-------	6	7.23	37	44.58
Ogemaw[a]	4	-------	-------	-------	-------	3	75.00
Ontonagon	24	1	4.17	2	8.33	14	58.33
Osceola	68	4	5.88	7	10.29	34	50.00
Otsego[a]	4	-------	-------	-------	-------	1	25.00
Ottawa	259	12	4.63	24	9.27	124	47.88
Presque Isle[a]	13	-------	-------	-------	-------	8	61.54
Roscommon[b]	-------	-------	-------	-------	-------	-------	-------
Saginaw	503	20	3.98	32	6.36	244	48.51
Sanilac	144	3	2.08	13	9.03	83	57.64
Schoolcraft[b]	-------	-------	-------	-------	-------	-------	-------
Shiawassee	189	9	4.76	23	12.17	62	32.80
St. Clair	336	21	6.25	39	11.61	135	40.18
St. Joseph	219	11	5.02	45	20.55	75	34.25
Tuscola	125	-------	-------	6	4.80	48	38.40
Van Buren	256	6	2.34	30	11.72	80	31.25
Washtenaw	302	18	5.96	58	19.21	84	27.81
Wayne	2,242	78	3.48	180	8.03	993	44.28
Wexford[a]	23	1	4.35	1	4.35	13	56.52

[a] For townships not represented by returns of deaths in 1876, see Exhibit H, page 141.
[b] No returns of deaths to county clerk.

TABLE XXVIII.—*Exhibiting for the Year and Months, by Sex, the Conjugal Condition, Occupation, and Age in Periods of Years, of All Returned as having Died from Consumption in Michigan during the Year ending December 31, 1876.*

MONTHS, 1876.												YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																	
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.					Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
80	115	140	140	153	137	136	124	155	143	125	139	3	1,590	Total.....	TOTAL DEATHS FROM CONSUMPTION.		92	20	41	168	199	193	141	116	87	102	78	86	71	55	57	43	15	24
43	61	74	67	78	75	65	63	76	80	80	82	2	846	Married....			....	..	..	14	77	118	99	99	72	80	61	65	53	36	31	24	6	11
28	42	54	57	61	49	57	48	62	43	32	41	1	575	Single.....			92	20	39	151	114	68	34	11	7	11	5	4	2	5	2	3	..	7
7	9	7	10	12	9	9	10	13	13	7	14	..	120	Widowed..			....	..	..	....	1	4	6	3	4	9	9	12	15	12	21	15	9	..
2	3	5	6	2	4	5	3	4	7	6	2	..	49	Unknown..			....	..	2	3	7	5	2	3	4	2	3	5	1	2	3	1	..	6
43	69	76	85	89	76	72	64	79	84	69	82	2	890	Total.....	FEMALES.		46	13	31	124	135	111	53	67	46	44	42	40	26	20	20	19	9	14
26	41	43	40	46	39	29	31	39	53	43	50	2	482	Married....			....	..	..	13	64	84	67	59	40	32	31	34	18	13	10	6	3	8
13	20	26	37	36	28	35	27	35	24	19	19	..	319	Single.....			46	13	30	108	66	24	11	4	2	4	3	..	..	2	1	1	..	4
2	7	6	7	7	7	7	5	4	5	4	12	..	73	Widowed...			....	..	..	....	1	3	5	3	3	6	7	6	8	5	9	11	6	..
2	1	1	1	....	2	1	1	1	2	3	1	..	16	Unknown..			....	..	1	3	4	....	....	1	1	2	1	..	..	..	..	1	..	2
37	46	64	55	64	61	64	60	76	59	56	57	1	700	Total.....	MALES.		46	7	10	44	64	84	58	49	41	58	36	46	45	35	37	24	6	10
17	20	31	27	32	36	36	32	37	27	37	32	..	364	Married....			....	..	..	1	13	34	32	40	32	48	30	31	35	23	21	18	3	3
15	22	28	20	25	21	22	21	27	19	13	22	1	256	Single.....			46	7	9	43	48	44	23	7	5	7	2	4	2	3	1	2	..	3
5	2	1	3	5	2	2	5	9	8	3	2	..	47	Widowed...			....	..	..	....	....	1	1	....	1	3	2	6	7	7	12	4	3	..
..	2	4	5	2	2	4	2	3	5	3	1	..	33	Unknown..			....	..	1	....	3	5	2	2	3	....	2	5	1	2	3	..	..	4
12	16	21	23	21	19	18	16	17	16	17	23	1	220	Total.....	Occupations Unknown, Total.		....	10	17	36	32	23	17	12	10	13	8	9	6	9	4	3	4	7
5	6	9	10	10	1	5	4	7	6	7	8	1	79	Married....			....	..	..	1	10	12	12	10	5	8	6	6	2	2	..	2	1	2
5	7	9	9	8	14	8	9	6	3	7	12	..	97	Single.....			....	10	15	32	17	7	3	1	2	5	..	1	..	3	..	..	..	1
1	1	....	....	1	1	1	1	1	2	2	3	..	14	Widowed...			....	..	..	....	1	....	1	....	1	....	..	..	3	3	2	..	3	..
1	2	3	4	2	3	4	2	3	3	1	....	..	30	Unknown..			....	..	2	3	4	4	1	1	2	....	2	2	1	1	2	1	..	4

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.													YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																							
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
16	21	15	21	25	20	26	24	33	17	22	25	..	265	Total.....		....	..	1	18	22	26	17	14	13	23	19	23	27	20	20	15	4	3
10	12	10	13	17	14	18	17	22	14	17	15	..	179	Married....	CLASS I.	....	..	..	....	5	14	9	13	12	21	17	20	22	16	14	12	3	1
4	8	5	6	5	5	6	3	8	1	2	8	..	61	Single.....	Cultivators of	....	..	1	18	17	11	8	1	....	1	1	..	1	..	1	..	..	1
2	1	....	2	3	1	1	3	2	2	1	1	..	19	Widowed...	the Earth.	....	..		..	..	..	..	..	....	1	..	2	4	3	5	3	1	..
..	..	....	..	..	..	1	1	1	....	2	1	..	6	Unknown..		....	..		..	..	1	..	..	1	..	1	1	..	1	..	..	..	..	1
2	1	3	1	4	2	4	1	2	3	5	3	1	32	Total.....		....	..		..	3	4	2	2	4	4	2	3	3	..	3	1	..	1
1	1	1	1	4	2	3	1	1	2	5	1	..	23	Married....	CLASS II.	....	..		..	2	2	1	2	2	4	1	2	3	..	2	1	..	1
..	..	2	..	..	..	1	....	1	1	..	1	1	7	Single.....	Active Mechanics	....	..		..	1	2	1	..	2	..	..	1	..	..	..	..	..	..	..
1	..	....	..	..	..	....	....	....	....	..	1	..	2	Widowed...	Abroad.	....	..		..	..	..	..	..	....	..	1	..	..	..	1	..	..	..	..
1	2	7	1	5	4	3	6	2	4	3	8	..	46	Total.....			..		1	4	3	11	7	3	4	2	3	4	3	..	..	..	1
1	1	2	..	4	3	3	5	1	2	2	5	..	29	Married....	CLASS III.		..		..	2	2	5	6	2	3	1	1	3	3	..	..	..	1
..	..	4	..	1	1	....	1	1	1	1	3	..	13	Single.....	Active Mechanics		..		1	2	1	6	1	1	..	..	..	1	..	..	..	..	..	..
..	..	1	1	..	..	....	....	....	1	..	....		3	Widowed...	in Shops.		..		..	..	..	..	..	....	1	1	1	..	..	..	..	..	..	..
..	1	....	..	..	..	....	....	....	....	..	....		1	Unknown..			..		..	..	..	..	..	....	..	..	1	..	..	..	..	..	..	..
1	6	2	..	1	2	3	5	2	3	4	....		29	Total.....	CLASS IV.	....	..		1	3	5	6	4	2	..	1	3	..	..	1	3	..	..
1	4	1	..	1	1	2	4	1	1	3	....		19	Married....	Inactive Mechanics	....	..		..	1	2	4	4	2	..	1	2	..	..	1	2	..	..
..	2	1	..	..	1	1	1	1	2	1	....		10	Single.....	in Shops.	....	..		1	2	3	2	..	....	..	..	1	..	..	..	1	..	..
5	2	13	12	10	12	7	8	9	8	6	4		96	Total.....	CLASS V.	....	..		12	16	18	6	8	6	13	1	4	2	2	4	3	..	1
..	1	6	6	3	8	6	3	4	1	3	2		43	Married....		....	..		1	3	6	4	5	5	10	1	1	2	1	3	1	..	..

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.													YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																		
January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
16	21	15	21	25	20	26	24	33	17	22	25	..	265	.....	CLASS I.	....	..		18	22	26	17	14	13	23	19	23	27	20	20	15	4	3
15	20	15	21	25	18	25	24	33	17	22	24	..	259	Total.....			..		15	21	26	17	13	13	23	19	23	27	20	20	15	4	3
10	12	10	13	17	14	18	17	22	14	17	15	..	179	Married....			..		....	5	14	9	13	12	21	17	20	22	16	14	12	3	1
3		5	6	5	3	5	3	8	1	2	7	..	55	Single.....	Farmers.		..		15	16	11	8	....	....	1	1	..	1	..	1	..	..	1
2		....	2	3	1	1	3	2	2	1		..	19	Widowed...			..		....	....	..	....	....	....	1	..	2	4	3	5	3	1	..
..		....	..	....	....	1	1	1	..	2		..	6	Unknown..			..		....	....	1	....	....	1	..	1	1	..	1	..	..	..	1
..		....	..	....	....	....	....	..	..	....		..	1	Single.....	Farm Laborers.	....	..		1	....	..	....	....	....	..	..	..	..	..	..	..	..	..	..
1		....	..	....	2	....	....	..	..	....		..	4	Single.....	Farmers' Sons.	....	..		2	1	..	....	....	....	..	..	..	..	..	..	..	..	..	..
..		....	..	....	....	1	....	..	..	....		..	1	Single.....	Gardeners.	....	..		....	....	..	....	1	....	..	..	..	..	..	..	..	..	..	..
2		3	1	4	2	4	1	2	3	5	3	1	32	.....	CLASS II.	....	..		....	3	4	2	2	4	4	2	3	3	..	3	1	..	1
..		....	..	....	....	....	....	..	..	1		..	1	Married....	Boat-builders.	....	..		....	....	..	....	....	1	..	..	..	..	..	..	..	..	..	..
..		....	..	....	....	....	....	..	..	....		..	1	Single.....	Brick-masons.	....	..		....	....	..	1	....	....	..	..	..	..	..	..	..	..	..	..
1		1	1	2	..	3	1	2	3	3	2	1	20	Total		....	..		....	2	2	....	1	2	4	..	2	3	..	2	1	..	1
1		....	1	2	..	3	1	1	2	3		..	15	Married....	Carpenters.	....	..		....	2	..	....	1	1	4	..	1	3	..	1	1	..	1
..		1	..	....	....	....	....	1	1	....		1	4	Single.....		....	..		....	....	2	....	....	1	..	..	1	..	..	..	..	..	..
..		....	..	....	....	....	....	..	..	....		..	1	Widowed...		....	..		....	....	..	....	....	....	..	..	..	..	..	1	..	..	..
..		....	..	....	1	....	....	..	..	....		..	1	Married....	Carpenters and Joiners.	....	..		....	....	..	....	....	....	..	1	..	..	..	..	..	..	..
..	....	1	..	1	....	....	....	..	..	....		..	2	Total	Masons.	....	..		....	....	1	....	....	....	..	..	..	..	..	1	..	..	..
..	....	1	..	1	....	....	....	..	..	....		..	2	Married....		....	..		....	....	1	....	....	....	..	..	..	..	..	1	..	..	..
1	....	....	..	1	1	1	....	..	..	1		..	5	Total.....		....	..		....	1	1	1	....	....	..	1	1			..	..	..	..

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.												YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																		
January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
..	....	....	....	1	....	....		1	.	1		..	4	Total.....	Machinists.	....	..	..	....		....	2		....	..	..	..	1	..	..	..	..	..	..
..	....	....	....	1	....	....		1	.	1		..	3	Married....		....	..	..	....		....	1		....	..	..	..	1	..	..	..	..	..	..
..	....	....	....	....	....	....		.	.	....		..	1	Single.....		....	..	..	....		....	1		....	..	..	..	..	..	..	..	..	..	..
..	....	1	....	1	2	....		.	.	....		..	6	Total.....	Mechanics.	....	..	..	1		....	3		....	1	..	..	1	..	..	..	..	..	..
..	....	....	....	....	1	....		.	.	....		..	3	Married....		....	..	..	....		....	1		....	1	..	..	1	..	..	..	..	..	..
..	....	1	....	1	1	....		.	.	....		..	3	Single.....		....	..	..	1		....	2		....	..	..	..	..	..	..	..	..	..	..
..	1	....	1	....	....	....		.	.	....		..	2	Total.....	Millers.	....	..	..	....		....	1		....	..	1	..	..	..	..	..	..	..	..
..	1	....	....	....	....	....		.	.	....		..	1	Married....		....	..	..	....		....	1		....	..	..	..	..	..	..	..	..	..	..
..	....	....	1	....	....	....		.	.	....		..	1	Widowed...		....	..	..	....		....	.		....	..	1	..	..	..	..	..	..	..	..
..	....	1	....	....	....	....		.	.	....		..	1	Married....	Millwrights.	....	..	..	....		....	.		....	..	..	..	1	..	..	..	..	..	..
..	....	....	....	....	....	....		.	.	....		..	1	Married....	Plasterers.	....	..	..	....		....			....	..	..	..	..	..	..	..	..	..	..
..	....	....	....	....	....	....		.	1	....		..	1	Married....	Sawyers.	....	..	..	....		....			....	1	..	..	..	..	..	..	..	..	..
1	....	....	....	....	....	....		.	.	....		..	1	Married....	Tinkers.	....	..	..	....		....			....	..	..	..	1	..	..	..	..	..	..
..	....	....	....	....	....	....		.	.	....		..	1	Single.....	Tinners.	....	..	..	....		....			....	..	..	..	..	..	..	..	..	..	..
..	....	1	....	....	....	1		.	.	....		..	2	Total.....	Turners.	....	..	..	....		2			....	..	..	..	..	..	..	..	..	..	..
..	....	....	....	....	....	1		.	.	....		..	1	Married....		....	..	..	....		1			....	..	..	..	..	..	..	..	..	..	..
..	....	1	....	....	....	....		.	.	....		..	1	Single.....		....	..	..	....		1			....	..	..	..	..	..	..	..	..	..	..
..	....	....	....	....	1	....		.	1	....		..	3	Total.....	Wagon-makers.	....	..	..	....		....			1	..	..	..	1	1	..	..	..	..	..
..	....	....	....	....	1	....		.	.	....		..	2	Married....		....	..	..	....		....			....	..	..	..	1	1	..	..	..	..	..
..	....	....	....	....	....	....		.	1	....		..	1	Single.....		....	..	..	....		....			....	..	..	..	..	..	..	..	..	..	..

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.													YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																	
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
--	----	----	----	----	1	----	----	1	1	1	1	--	5	Total.....		----	--	--	----	2	----	----	2	1	--	--	--	--	--	--	--	--
--	----	----	----	----	----	----	----	1	----	1	1	--	3	Married....	Miners.	----	--	--	----	----	----	----	2	1	--	--	--	--	--	--	--	--
--	----	----	----	----	1	----	----	----	1	----	----	--	2	Single.....		----	--	--	----	2	----	----	----	----	--	--	--	--	--	--	--	--
1	----	----	----	----	----	----	----	----	----	----	----	--	1	Single.....	Porters.	----	--	--	----	----	1	----	----	----	--	--	--	--	--	--	--	--
--	----	----	----	----	----	----	----	----	----	1	----	--	1	Single.....	Railroad Laborers.	----	--	--	----	----	----	1	----	----	--	--	--	--	--	--	--	--
--	----	----	----	----	1	----	----	----	----	----	----	--	1	Married....	Salt-well Borers.	----	--	--	----	----	1	----	----	----	--	--	--	--	--	--	--	--
2	1	2	1	3	1	----	3	4	2	----	1	--	20	.....	CLASS VI.	----	--	1	1	3	1	3	1	4	1	1	--	2	--	2	--	--
1	----	----	----	----	----	----	----	1	----	----	----	--	2	Total.....		----	--	--	----	----	----	1	----	----	--	--	--	1	--	--	--	--
1	----	----	----	----	----	----	----	----	----	----	----	--	1	Married....	Agents.	----	--	--	----	----	----	----	----	----	--	--	--	1	--	--	--	--
--	----	----	----	----	----	----	----	1	----	----	----	--	1	Single.....		----	--	--	----	----	----	1	----	----	--	--	--	--	--	--	--	--
1	1	----	----	----	1	----	----	2	----	----	----	--	5	Total.....		----	--	1	----	1	----	----	----	2	--	--	--	--	--	1	--	--
--	1	----	----	----	1	----	----	----	----	----	----	--	2	Married....	Butchers.	----	--	--	----	----	----	----	----	2	--	--	--	--	--	--	--	--
--	----	----	----	----	----	----	----	2	----	----	----	--	2	Single.....		----	--	1	----	1	----	----	----	----	--	--	--	--	--	--	--	--
1	----	----	----	----	----	----	----	----	----	----	----	--	1	Widowed ..		----	--	--	----	----	----	----	----	----	--	--	--	--	--	1	--	--
--	----	1	----	----	----	----	----	----	----	----	----	--	1	Married....	Conductors on R. R.	----	--	--	----	----	----	1	----	----	--	--	--	--	--	--	--	--
--	----	----	----	----	----	----	----	1	----	----	----	--	1	Married....	Constables.	----	--	--	----	----	----	----	----	1	--	--	--	--	--	--	--	--
--	----	----	----	----	----	----	----	----	1	----	----	--	1	Married....	Draymen.	----	--	--	----	----	----	----	----	1	--	--	--	--	--	--	--	--
--	----	----	1	2	----	----	1	----	----	----	----	--	4	Total.....		----	--	--	----	1	----	----	1	----	1	--	--	--	--	1	--	--
--	----	----	----	1	----	----	----	----	----	----	----	--	1	Married....		----	--	--	----	----	----	----	----	----	1	--	--	--	--	--	--	--
--	----	----	----	----	----	----	1	----	----	----	----	--	1	Single.....	Lumbermen.	----	--	--	----	1	----	----	----	----	--	--	--	--	--	--	--	--
--	----	----	----	1	----	----	----	----	----	----	----	--	1	Widowed ..		----	--	--	----	----	----	----	----	----	--	--	--	--	--	1	--	--

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.													YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																							
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
..	....	....	....	1	....	....		....	....		....	..	1	Single.....	Hatters.	....	..	..	.	....	....	....	....	....	..	..	..	1	..	..	..	..	..
..	....	....	1	....	....	....		....	1		....	..	3	Married....	Hotel-keepers.	....	..	..	.	....	....	....	....	1	..	1	1	..	..	..	..	..	..
..	....	....	....	....	....	....		....	....		1	..	1	Married....	Manufacturers.	....	..	..	.	....	....	....	....	....	..	1	..	..	..	..	..	..	..
1	....	2	1	....	4	....		2	2	....	....	..	14	Total.....			..	..	1	....	1	....	2	1	2	2	3	1	..	1	..	..	..
..	....	1	....	....	3	....		2	1	2	....	..	9	Married....			..	..	.	....	....	....	2	1	1	2	2	1	..	..	..	..	..
1	....	1	1	....	....	....		....	....	....	....	..	3	Single.....	Merchants.		..	..	1	....	1	....	....	....	1	..	..	..	..	..	..	..	..
..	....	....	....	....	....	....		....	1	....	....	..	1	Widowed...			..	..	.	..	....	....	....	....	..	..	1	..	..	..	..	..	..
..	....	....	....	....	1	....		....	....	....	....	..	1	Unknown..			..	..	.	....	....	....	....	....	..	..	..	..	..	1	..	..	..
..	....	....	....	....	....	....		1	....	....	....	..	1	Married....	Photographers.	....	..	..	.	....	....	....	....	1	..	..	..	..	..	..	..	..	..
..	....	1	1	....	....	....		....	....	....	....	..	2	Total.....		....	..	..	.	....	1	....	....	....	1	..	..	..	..	..	..	..	..
..	....	1	....	....	....	....		....	....	....	....	..	1	Married....	Postmasters.	....	..	..	.	....	....	....	....	....	1	..	..	..	..	..	..	..	..
..	....	....	1	....	....	....		....	....	....	....	..	1	Single.....		....	..	..	.	....	1	....	....	....	..	..	..	..	..	..	..	..	..
..	....	1	....	....	....	....		....	....	....	....	..	1	Single.....	Salesmen.	....	..	..	.	...	....	1	....	....	..	..	..	..	..	..	..	..	..
..	1	1	2	....	....	....		1	....	....	1	..	7	Total.....		....	..	..	.	....	....	1	2	1	..	2	..	..	1	..	..	..	..
..	....	1	1	....	....	....		....	....	....	1	..	3	Married....	Saloon-keepers.	....	..	..	.	....	....	....	....	....	.	2	..	..	..	..	..	..	..
..	....	....	1	....	....	....		....	....	....	....	..	1	Single.....		....	..	..	.	....	....	....	....	....	.	..	..	..	..	..	..	..	..
..	1	....	....	....	....	....		1	....	....	....	..	3	Widowed...		....	..	..	.	....	....	1	....	1	.	..	..	..	1	..	..	..	..
..	....	1	....	....	....	....		....	....	....	....	..	1	Married....	Tobacco Dealers.	....	..	..	.	....	....	....	1	....	.	..	..	..	..	..	..	..	..
2	3	3	....	....	2	2	1	1	1	2	3	..	20	.....	Class X.	....	1	....	.	4	3	5	1	....	.	..	2	2	1	..	1	..	..

| | | |

TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

| MONTHS, 1876. | | | | | | | | | | | | | YEAR, 1876. | CONJUGAL CONDITION. | SEX AND OCCUPATION. | AGES IN PERIODS OF YEARS,—1876. | | | | | | | | | | | | |

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TABLE XXVIII.—CONTINUED.—*Deaths from Consumption, 1876.*

MONTHS, 1876.													YEAR, 1876.	CONJUGAL CONDITION.	SEX AND OCCUPATION.	AGES IN PERIODS OF YEARS,—1876.																		
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.				Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
..	....	.	....	1	....	....	....	....	....	....	....	..	1	Widowed...	Millers' Wives.	....		..	....	....	....	....	.	....	..	..	..	..	..	..	..	1	..
..	1	.	....	....	....	....	....	....	....	1	....	..	1	Single.....	Music Teachers.	....		..	1	1	....	....	.	....	..	..	..	..	..	..	..	..	..
..	1	.	....	....	....	....	....	....	....	....	....	..	1	Widowed...	Nurses.	....		..	....	....	....	....	.	....	1	..	..	..	..	..	..	..	..
..	....	.	1	....	....	....	....	....	....	....	....	..	1	Single.....	Organists.	....		..	1	....	....	....	.	....	..	..	..	..	..	..	..	..	..
..	1	.	....	....	....	....	....	1	....	....	....	..	2	Married....	Painters.	....		..	....	....	....	....	1	....	..	..	..	1	..	..	..	..	..
..	....	.	....	....	....	....	....	....	2	....	....	..	2	Married....	Physicians' Wives.	....		..	....	....	....	1	.	....	..	..	..	..	..	..	..	..	1
..	....	.	....	....	....	1	....	....	....	....	....	..	1	Married....	Saloon-keepers.	....		..	....	....	1	....	.	....	..	..	..	..	..	..	..	..	..
..	....	.	....	....	....	....	....	....	1	....	....	..	1	Married....	Scale-makers.	....		..	....	....	....	....	.	....	..	..	..	1	..	..	..	..	..
..	2	.	2	2	....	1	1	....	2	1	1	..	12	Total.....	Seamstresses.	....		..	....	2	2	3	3	1	..	..	..	..	..	1	..	..	..
..	....	.	1	1	....	....	....	....	....	1	1	..	4	Married....		....		..	....	....	1	2	.	1	..	..	..	..	..	..	..	..	..
..	2	.	1	1	....	....	1	....	2	....	....	..	7	Single.....		....		..	....	2	1	....	3	....	..	..	..	..	..	1	..	..	..
..	....	.	....	....	....	1	....	....	....	....	....	..	1	Widowed...		....		..	....	....	....	1	.	....	..	..	..	..	..	..	..	..	..
..	....	.	....	....	....	....	....	1	....	....	....	..	1	Single.....	Servants.	....		..	1	....	....	....	.	....	..	..	..	..	..	..	..	..	..
..	....	.	....	....	....	1	....	....	....	....	....	..	1	Single.....	Shoe-binders.	....		..	....	....	1	....	.	....	..	..	..	..	..	..	..	..	..
..	....	.	....	....	....	....	1	....	....	....	....	..	1	Single.....	Shop Girls.	....		..	1	....	....	....	.	....	..	..	..	..	..	..	..	..	..
..	....	.	....	....	....	....	....	1	....	....	....	..	1	Single.....	Sisters of Charity.	....		..	....	....	....	....	.	....	..	..	..	..	..	..	..	..	1
..	....	.	1	....	....	....	....	....	....	....	....	..	1	Single.....	Spinsters.	....		..	....	....	....	1	.	....	..	..	..	..	..	..	..	..	..
..	....	2	2	....	....	....	....	4	1	1	1	..	11	Single.....	Students.	....		2	6	2	....	....	.	....	..	..	..	..	..	..	..	..	1
..	1	4	....	....	1	1	1	1	....	2	1	..	12	Total.....	Teachers.	....		..	5	3	2	1	.	....	..	1	..	..	..	..	..	..	..
..	....	1	....	....	....	....	....	....	....	....	....	..	1	Married....		....		..	....	....	....	....	.	....	..	1	..	..	..	..	..	..	..

| | | |

EXHIBIT Q.—*The Average Age of the Inhabitants of Michigan, of both Sexes, of each Sex, and the difference between the Sexes, for All Living June 1, 1870, and All Returned as having Died during the Year ending June 1, 1870, as Compiled from the U. S. Census of that date; for All Returned as having Died from Consumption during the Years 1870 to 1876, inclusive; for All Returned as having Died from All Causes during the Years 1870 to 1876, inclusive, as shown by the Registration Returns; for All Living Aged 20 and Over as per Census June 1, 1870; for All Aged 20 and Over whose Ages and Occupations were stated in the Registration Returns of Deaths for the Years 1870 to 1876, inclusive, and for the Native and Foreign-born Inhabitants Returned as having Died during the Years 1873, 1874, 1875, and 1876.*

	Year Ending:	Average Age in Years and Hundredths of a Year.			
		Total.	Males.	Females.	Excess, Males.
Deaths as per Census	June 1, 1870.	24.79	25.17	24.39	.78
Living as per Census		24.32	24.91	23.68	1.23
All living aged 20 and over, per Census		38.23	38.61	37.80	.81
Deaths as shown by Registration Returns	Dec. 31, 1870.	23.50	24.05	22.89	1.16
Deaths from Consumption by Registration Returns		34.95	36.89	33.14	3.75
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		51.01	52 45	45.96	6.49
"Average years of life" after the age of 20 years as shown by Table VII., page 197, Report for 1872, plus 20 years,—indicating the "Average Age at Death" of all who died aged 20 years and over according to that Life Table		.....	63.72	62.02	1.70
Deaths as shown by Registration Returns	Dec. 31, 1871.	25.63	26.78	24.50	2.28
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		51.44	52.79	46.45	6.34
Deaths as shown by Registration Returns	Dec. 31, 1872.	24.17	25.09	23.17	1.92
Deaths from Consumption by Registration Returns		35.05	39.10	31.19	7.91
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		50.73	51.90	47.08	4.82
All who died aged 20 years and over, as shown by Registration Returns		49.72	51.67	47.42	4.25
Deaths as shown by Registration Returns	Dec. 31, 1873.	31.20	31.95	30.14	1.81
Deaths of Native-born Inhabitants as shown by Registration Returns		27.25	27.76	26.71	1.05
Deaths of Foreign-born Inhabitants as shown by Registration Returns		43.87	40.68	42.35	-1.67
Deaths from Consumption by Registration Returns		37.81	40.20	35.77	4.43
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		50.17	56.51	48.27	8.24
All who died aged 20 years and over, as shown by Registration Returns		49.87	51.48	47.66	3.82
Deaths as shown by Registration Returns	Dec. 31, 1874.	25.33	25.78	24.09	.83
Deaths of Native-born Inhabitants as shown by Registration Returns		20.26	23.99	20.25	3.74
Deaths of Foreign-born Inhabitants as shown by Registration Returns		47.15	47.99	46.13	1.86
Deaths from Consumption by Registration Returns		36.48	39.90	33.44	6.46
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		50.77	52.70	48.23	4.47
All who died aged 20 years and over, as shown by Registration Returns		50.89	52.84	48.72	4.12
Deaths as shown by Registration Returns	Dec. 31, 1875.	25.32	26.31	24.36	1.95
Deaths of Native-born Inhabitants, as shown by Registration Returns		20.17	20.73	19.88	.85
Deaths of Foreign-born Inhabitants, as shown by Registration Returns		46.90	48.68	44.49	4.19
Deaths from Consumption by Registration Returns		35.77	38.19	33.58	4.61
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		51.07	53.29	47.87	5.42
All who died aged 20 years and over as shown by Registration Returns		50.65	52.79	48.06	4.73
Deaths of Native-born Inhabitants aged 20 years and over as shown by Registration Returns		50.68	53.86	47.61	6.25
Deaths of Foreign-born Inhabitants aged 20 years and over, as shown by Registration Returns		50.77	52.37	48.54	3.83

EXHIBIT Q.—CONTINUED.

	Year Ending:	Average Age in Years and Hundredths of a Year.			
		Total.	Males.	Females.	Excess. Males.
Deaths as shown by Registration Returns	Dec. 31, 1876.	25.83	26.79	25.04	1.75
Deaths of Native-born Inhabitants as shown by Registration Returns		20.86	21.34	20.60	.74
Deaths of Foreign-born Inhabitants as shown by Registration Returns		47.33	48.91	46.68	2.23
Deaths from Consumption by Registration Returns		35.70	40.20	33.40	6.80
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		51.93	54.00	49.89	4.11
All who died aged 20 years and over as shown by Registration Returns		51.94	53.91	49.88	4.03
Deaths of Native-born Inhabitants aged 20 years and over as shown by Registration Returns		51.09	54.46	48.92	5.54
Deaths of Foreign-born Inhabitants aged 20 years and over as shown by Registration Returns		52.25	53.70	51.96	1.74

TABLE XXIX.—*Exhibiting the Number and the Aggregate and Average Ages of All Decedents in Michigan Aged Twenty Years and Over, and of those whose Occupations were not Specified; also, by Classified Occupations, the Number and the Aggregate and Average Ages of Decedents, Aged Twenty Years and Over whose Occupations were Returned, One-half of a Year being added to Age of each Person in place of Months and Days excluded.*

Class.	Occupations,—1876.	Number of Persons.	Age in Years.	
			Aggregate.	Average.
	All aged 20 Years and Over	6,043	313,833.50	51.93
	All Specified Occupations	5,429	282,539.50	52.04
	Occupations Unspecified aged 20 Years and Over	614	31,294.00	50.97
I.	Cultivators of the Earth	1,478	86,406.50	58.46
II.	Active Mechanics Abroad	149	7,869.50	52.82
III.	Active Mechanics in Shops	195	9,916.00	50.85
IV.	Inactive Mechanics in Shops	100	5,279.50	52.80
V.	Laborers,—No Special Trades	402	17,965.00	44.69
VI.	Agents, Laborers Abroad, Etc.	93	4,318.00	46.43
VII.	Seafaring Men	32	1,354.00	42.31
VIII.	Soldiers	4	197.00	49.25
IX.	Business Men	194	9,234.00	47.60
X.	Professional Men	87	4,908.50	56.42
XI.	Unemployed	108	6,024.00	55.78
XII.	Females	2,587	129,067.50	49.89
I.	Cultivators of the Earth	1,478	86,406.50	58.46
	Farmers	1,445	84,595.00	58.54
	Farm Laborers	9	288.00	32.00

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGE IN YEARS.	
			Aggregate.	Average.
I.	CULTIVATORS OF THE EARTH—(Continued).			
	Fruit-growers	1	62.50	62.50
	Gardeners	12	713.00	59.42
	Nurserymen	2	79.00	39.50
	Retired Farmers	9	669.00	74.33
II.	ACTIVE MECHANICS ABROAD	149	7,869.50	52.82
	Brick-masons	3	118.00	39.33
	Boat-builders	1	40.50	40.50
	Builders	1	64.50	64.50
	Carpenters	100	5,216.00	52.16
	Carpenters and Joiners	4	271.00	67.75
	Caulkers	1	66.50	66.50
	Joiners	2	134.00	67.00
	Masons	18	1,076.00	59.78
	Painters	15	645.00	43.00
	Shipwrights	1	91.50	91.50
	Shipriggers	1	38.50	38.50
	Stone-masons	2	108.00	54.00
III.	ACTIVE MECHANICS IN SHOPS	196	9,916.00	50.85
	Bakers	7	291.00	41.57
	Basket-makers	2	116.00	58.00
	Blacksmiths	32	1,698.00	53.06
	Brass-finishers	1	27.50	27.50
	Brewers	4	242.00	60.50
	Brick-makers	2	104.00	52.00
	Boiler-makers	1	24.50	24.50
	Cabinet-makers	7	388.00	55.43
	Carriage-makers	3	139.00	46.33
	Carvers	1	81.50	81.50
	Coopers	17	997.00	58.65
	Curriers	2	113.00	56.50
	Distillers	1	61.50	61.50
	Engineers	11	435.00	39.55
	Filers	1	37.50	37.50
	Gilders	1	21.50	21.50
	Glass-blowers	1	30.50	30.50
	Machinists	12	515.00	42.92

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGE IN YEARS.	
			Aggregate.	Average.
III.	ACTIVE MECHANICS IN SHOPS—(Continued).			
	Maltsmen	1	47.50	47.50
	Marble-cutters	1	26.50	26.50
	Mechanics	15	811.00	54.07
	Millers	13	646.00	49.69
	Millwrights	5	322.00	64.40
	Moulders	8	336.00	42.00
	Paper-makers	1	41.50	41.50
	Plumbers	3	128.00	42.67
	Potters	2	156.00	78.00
	Sawyers	8	300.00	37.50
	Stone-cutters	1	48.50	48.50
	Tanners	2	111.00	55.50
	Tinners	2	50.00	25.00
	Tinkers	1	65.50	65.50
	Trunk-makers	3	123.00	41.00
	Turners	3	107.00	35.67
	Upholsterers	1	28.50	28.50
	Wagon-makers	13	837.00	64.38
	Weavers	1	82.50	82.50
	Wheelwrights	3	179.00	59.67
	Whitewashers	1	71.50	71.50
	Woolcarders	1	75.50	75.50
IV.	INACTIVE MECHANICS IN SHOPS	100	5,279.50	52.80
	Barbers	8	410.00	51.25
	Book-binders	2	80.00	40.00
	Cigar-makers	4	136.00	34.00
	Harness-makers	8	347.00	43.38
	Jewelers	11	490.00	44.55
	Printers	5	182.00	36.40
	Saddlers	2	113.00	56.50
	Sail-makers	1	31.50	31.50
	Shoe-cutters	1	57.50	57.50
	Shoemakers	36	2,307.00	64.08
	Stewards	1	56.50	56.50
	Tailors	17	956.00	56.24
	Telegraphers	4	113.00	28.25

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGE IN YEARS.	
			Aggregate.	Average.
V.	LABORERS—NO SPECIAL TRADES	402	17,965.00	44.69
	Ditchers	1	80.50	80.50
	Drawing Logs	1	22.50	22.50
	Firemen	2	91.00	45.50
	Housekeepers	2	75.00	37.50
	Laborers	335	15,293.00	45.65
	Mill-hands	2	63.00	31.50
	Miners	48	1,817.00	37.85
	Miscellaneous	2	140.00	70.00
	Porters	1	28.50	28.50
	R. R. Laborers	1	44.50	44.50
	Salt Packers	1	70.50	70.50
	Salt-well Borers	1	26.50	26.50
	Servants	3	127.00	42.33
	Truckmen	2	86.00	43.00
VI.	AGENTS, LABORERS ABROAD, ETC.	93	4,318.00	46.43
	Agents	5	287.00	57.40
	Beer Peddlers	1	26.50	26.50
	Brakemen	3	81.00	27.00
	Butchers	12	604.00	50.33
	Cartmen	1	73.50	73.50
	Cattle Drovers	3	132.00	44.00
	Commercial Agents	1	42.50	42.50
	Constables	1	43.50	43.50
	Dairymen	1	76.50	76.50
	Divers	1	52.50	52.50
	Draymen	7	340.00	48.57
	Farriers	2	120.00	60.00
	Fast-horse Men	1	37.50	37.50
	Horse Dealers	1	41.50	41.50
	Hostlers	1	46.50	46.50
	Hunters	1	40.50	40.50
	Light-keepers	1	38.50	38.50
	Livery-keepers	1	48.50	48.50
	Lumbermen	22	1,108.00	50.36
	Mail Carriers	1	25.50	25.50
	Mining Captains	1	46.50	46.50

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGE IN YEARS.	
			Aggregate.	Average.
VI.	AGENTS, LABORERS ABROAD, ETC.—(Continued).			
	Musicians	3	139.00	46.33
	Patent-right Agents	1	35.50	35.50
	Peddlers	7	326.00	46.57
	R. R. Conductors	2	59.00	29.50
	R. R. Employes	1	29.50	29.50
	R. R. Engineers	1	30.50	30.50
	R. R. Baggage-men	2	74.00	37.00
	Reporters	1	33.50	33.50
	Teamsters	5	217.00	43.40
	Toll-gate Keepers	1	37.50	37.50
	Training Horses	1	24.50	24.50
VII.	SEAFARING MEN	32	1,354.00	42.31
	Fishermen	7	353.00	50.43
	Sailors	23	946.00	41.13
	Sea Captains	1	26.50	26.50
	Wheelsmen	1	28.50	28.50
VIII.	SOLDIERS	4	197.00	49.25
	Soldiers	4	197.00	49.25
IX.	BUSINESS MEN	194	9,234.00	47.60
	Bankers	1	74.50	74.50
	Boarding-house Keepers	3	160.00	53.33
	Book-keepers	5	247.00	49.40
	Capitalists	2	137.00	68.50
	Cattle Dealers	1	49.50	49.50
	Clerks	21	667.00	31.76
	Clothiers	2	138.00	69.00
	Collectors	1	41.50	41.50
	Contractors	2	105.00	52.50
	County Clerks	1	34.50	34.50
	Custom-house Officers	1	60.50	60.50
	Dealers	1	55.50	55.50
	Druggists	7	299.00	42.71
	Estate Agents	1	51.50	51.50
	Express Messengers	2	63.00	31.50
	Fish Culturists	1	68.50	68.50

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGE IN YEARS.	
			Aggregate.	Average.
IX.	BUSINESS MEN—(Continued).			
	Fur Dealers	2	113.00	56.50
	Grocers	12	497.00	41.42
	Hatters	3	122.00	40.67
	Hotel Clerks	2	61.00	30.50
	Hotel-keepers	15	799.00	53.27
	Insurance Agents	3	183.00	61.00
	Justices of Peace	1	70.50	70.50
	Land Dealers	1	59.50	59.50
	Landlords	1	50.50	50.50
	Liquor Dealers	1	69.50	69.50
	Manufacturers	1	53.50	53.50
	Merchants	59	3,040.00	51.53
	Patent Office	1	35.50	35.50
	Photographers	1	40.50	40.50
	Politicians	1	54.50	54.50
	Postmasters	2	75.00	37.50
	Potash Men	1	30.50	30.50
	Prescription Clerks	1	25.50	25.50
	Public Officers	1	53.50	53.50
	Railroad Auditors	1	52.50	52.50
	Railroad Contractors	1	62.50	62.50
	Railroad Paymasters	1	54.50	54.50
	Real Estate Owners	1	62.50	62.50
	Restaurant-keepers	1	55.50	55.50
	Retired Business Men	1	55.50	55.50
	Retired Merchants	1	63.50	63.50
	Saloon-keepers	16	655.00	40.94
	Salesmen	2	68.00	34.00
	Saw-mill Owners	1	62.50	62.50
	Shippers	1	73.50	73.50
	Stock Brokers	1	68.50	68.50
	Store-keepers	2	69.00	34.50
	Superintendent of Wagon-factory	1	47.50	47.50
	Superintendent of Gas-works	1	49.50	49.50
	Wood Merchant	1	48.50	48.50
X.	PROFESSIONAL MEN	87	4,908.50	56.42

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGES IN YEARS.	
			Aggregate.	Average.
X.	PROFESSIONAL MEN—(Continued).			
	Actors	1	27.50	27.50
	Architects	1	26.50	26.50
	Artists	2	65.00	32.50
	Botanists	1	23.50	23.50
	Civil Engineers	1	56.50	56.50
	Dentists	2	77.00	38.50
	Editors	4	192.00	48.00
	Judges	1	36.50	36.50
	Lawyers	8	467.00	58.38
	Ministers	25	1,731.00	69.24
	Physicians	28	1,628.00	58.14
	Professors of Astronomy	1	70.50	70.50
	Retired Ministers	1	53.50	53.50
	Students	3	68.00	22.67
	Surveyors	2	157.00	78.50
	Teachers	6	229.00	38.17
XI.	UNEMPLOYED	108	6,024.00	55.78
	Beggars	1	70.50	70.50
	Gentlemen	5	323.00	64.60
	Paupers	10	540.00	54.00
	Pensioners of 1812	1	80.50	80.50
	Unemployed	91	5,010.00	55.05
	Unknown	224	12,130.00	54.15
XII.	FEMALES	2,567	129,067.50	49.89
	Agents	1	50.50	50.50
	Artists	1	23.50	23.50
	"At Home"	3	162.00	54.00
	Basket-makers	2	58.00	29.00
	Blacksmiths' Wives	1	67.50	67.50
	Book keepers	1	76.50	76.50
	Brick-masons	1	54.50	54.50
	Butchers	1	20.50	20.50
	Butchers' Wives	1	40 50	40.50
	Carpenters	1	24.50	24.50
	Carpenters' Wives	2	83.00	41.50
	Carpeters	1	25.50	25.50

TABLE XXIX.—CONTINUED.—*Occupations of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGES IN YEARS.	
			Aggregate.	Average.
XII.	FEMALES—(Continued).			
	Clerks	2	85.00	42.50
	Cooks	2	103.00	51.50
	Conductors	1	36.50	36.50
	Copyists	1	22.50	22.50
	Domestics	24	1,019.00	42.46
	Dressmakers	7	211.00	30.14
	Farmers	145	7,962.00	54.91
	Farmers' Daughters	7	167.00	23.86
	Farmers' Widows	2	160.00	80.00
	Farmers' Wives	114	5,669.00	49.73
	Fishermen	1	90.50	90.50
	Flower-growers	1	79.50	79.50
	Gilders	1	22.50	22.50
	Grocers	1	33.50	33.50
	Grooms	1	50.50	50.50
	Hotel-keepers	2	94.00	47.00
	Housekeepers	708	36,297.00	51.27
	Housemaids	7	296.00	42.29
	Housewives	664	31,641.00	47.65
	Houseworkers	61	3,157.00	51.75
	Jobbers' Wives	1	28.50	28.50
	Knitters	2	146.00	73.00
	Laborers	20	901.00	45.05
	Laborers' Wives	4	163.00	40.75
	Ladies	3	157.00	52.33
	Laundresses	3	194.00	64.67
	Manufacturers' Wives	1	66.50	66.50
	Mariners	1	49.50	49.50
	Merchants	3	109.00	36.33
	Merchants' Wives	3	164.00	54.67
	Midwives	1	65.50	65.50
	Milliners	5	160.00	32.00
	Millers' Wives	1	83.50	83.50
	Miners' Wives	1	40.50	40.50
	Ministers' Wives	1	39.50	39.50
	Moulders	1	55.50	55.50
	Music Teachers	4	98.00	24.50

TABLE XXIX.—CONTINUED.—*Occupation of Decedents in 1876.*

CLASS.	OCCUPATIONS,—1876.	Number of Persons.	AGES IN YEARS.	
			Aggregate.	Average.
XII.	FEMALES—(Continued).			
	Nurses	4	244.00	61.00
	Painters	2	94.00	47.00
	Painting China	1	75.50	75.50
	Paupers	5	304.00	60.80
	Physicians' Wives	1	77.50	77.50
	Prostitutes	2	48.00	24.00
	Scale-makers	1	61.50	61.50
	Seamstresses	21	865.00	41.21
	Servants	4	138.00	34.50
	Shoe-binders	1	26.50	26.50
	Spinsters	3	179.00	59.67
	Students	3	66.00	22.00
	Tailoresses	4	249.00	62.25
	Teachers	21	757.00	36.05
	Teamsters	1	28.50	28.50
	Telegraphers	1	24.50	24.50
	Unemployed	268	14,626.00	54.57
	Unknown	390	19,164.00	49.14
	Washers	1	72.50	72.50
	Weavers	13	911.00	70.08
	Wives	17	652.00	38.35

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